

myProbes Passport (RUO Probes)

MPP4510	NCOA2/PKIA/HEY1 Dual Fusion Probe <i>For Research Use Only</i>
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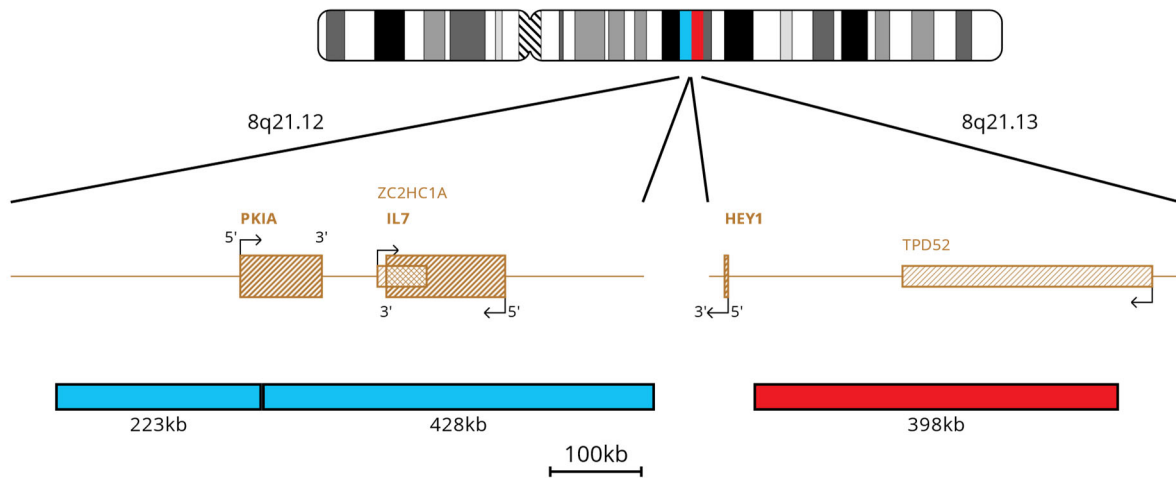
Nucleotide Locations (If requesting more than one probe please specify individual probe colours)

	Chromosome Locus	Start	End	Colour
1	8q13.3	70494015	70657133	Green
2	8q13.3	70594890	70767835	Green
3	8q13.3	70707911	70843994	Green
4	8q13.3	70812309	70983113	Green
5	8q21.12	79227513	79335919	Aqua
6	8q21.12	79302731	79450722	Aqua
7	8q21.12	79453648	79578239	Aqua
8	8q21.12	79555334	79682213	Aqua
9	8q21.12	79622243	79788346	Aqua
10	8q21.12	79738595	79881165	Aqua
11	8q21.13	80709240	80822989	Red
12	8q21.13	80759147	80948842	Red
13	8q21.13	80915955	81107120	Red

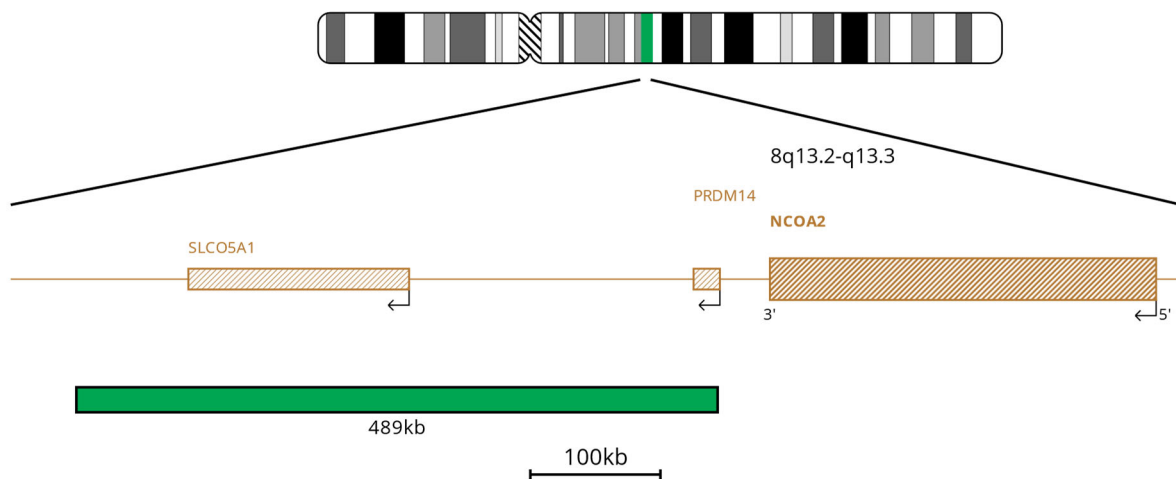
Database Used and Version

GRCh37 (hg19)

Probe Map



MPP4510 v001



MPP4510 v001

Materials Provided

- Probe:** 100µl per vial
 The probe is provided pre-mixed in hybridisation solution (Formamide; Dextran Sulphate; SSC) and is ready to use. It is directly labelled with a red fluorophore, which lies in the Texas Red Spectrum, a green fluorophore, which lies in the FITC Spectrum and a aqua fluorophore, which lies in the Aqua Spectrum. The probe has been batch released after QC testing on Fixed Paraffin Embedded Sample.
- Counterstain:** 150µl per vial. The counterstain is DAPI antifade (ES: 0.125µg/ml DAPI (4,6-diamidino-2-phenylindole)).

Warnings and Precautions

1. For research use only. Not for use in diagnostic procedures.
2. For laboratory professional use only.
3. Probe mixtures contain formamide, which is a teratogen; do not breathe fumes or allow skin contact. Handle with care; wear gloves and a lab coat.
4. DAPI is a potential carcinogen. Handle with care; wear gloves and a lab coat.
5. Follow local disposal regulations for your location along with recommendations in the Safety Data Sheet to determine the safe disposal of this product. This also applies to damaged test kit contents.
6. Dispose of all used reagents and any other contaminated disposable materials following procedures for infectious or potentially infectious waste. It is the responsibility of each laboratory to handle solid and liquid waste according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.
7. Operators must be capable of distinguishing the colours red, blue, and green.
8. The probe should not be diluted or mixed with other probes.
9. All products should be validated before use.
10. Internal controls should be carried out by using unaffected cell populations in testing samples.
11. Custom probes are specifically developed for individual customers' RESEARCH USE ONLY (RUO) requirements and not with the intention of being used for in vitro diagnostic examination. Therefore, prior to any use of these probes, users should review the design of such probes to confirm they are suitable for their requirements.

Storage and Handling

1. Store the probe between -25°C to -15°C.
2. Based on the stability established for other substantially equivalent CytoCell probes, this myProbes product should be stable for 2 years post manufacture date when stored as indicated on the label.
3. Store the probe and counterstain vials in the dark. Ensure that exposure of the probe and counterstain to laboratory lights is limited at all times.

Known Cross-Reactivity

No cross hybridisation observed at QC release on the sample type specified.

Customer Support

Please contact the CytoCell Technical Support Department or email probes@cytoCELL.com.

Patents and Trademarks

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For Research Use Only. Not for use in diagnostic procedures.

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