Cat. No. CEL100103

Package

Background



PRODUCT INFORMATION

PTPRG Target

Monoclonal Cell Line Derived from K562 Cells, Description Engineered for Stable Expression of Human

PTPRG Using Lentiviral Technology

Host Cells K562 P23470 **Uniprot ID Applications** FACS Data

RPMI-1640+10% FBS+1% P.S+Gln+2 ug/mL **Growth media**

Puromycin 5E6 Cells/mL

Suggested Control SKU: DMC101351

1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time

replacements for issues reported within a week of

Warranty and receipt. 3. User-induced issues are not eligible for Disclaimer free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month

after receipt will not be processed.

Cells are shipped using dry ice and require liquid Storage & Shipping nitrogen storage for long term preservation.

PTPG; HPTPG; RPTPG; R-PTP-GAMMA Synonyms

> The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is

also found in the extracellular region of PTPRBETA/ZETA. This gene is located in a chromosomal region that is frequently deleted in

renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor

gene. [provided by RefSeq, Jul 2008]

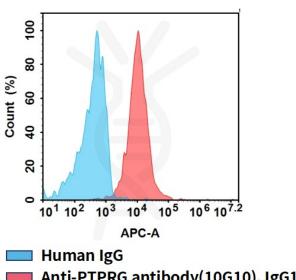
Usage For research use only.







Hu_PTPRG K562 Cell Line



Anti-PTPRG antibody(10G10), IgG1
Chimeric mAb (SKU: DMC101351)

Figure 1. Flow cytometry analysis of human PTPRG overexpression using Hu PTPRG K562 Cell Line (Cat. No. CEL100103) and Anti-PTPRG antibody(10G10), IgG1 Chimeric mAb (Cat. No. DMC101351)

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