

Recombinant Human PTPRK

Catalog No: #GP10739



Package Size: #GP10739-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human PTPRK
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	protein tyrosine phosphatase, receptor type, K
Other Names	R-PTP-kappa
Accession No.	Swissprot:Q15262Gene Accession:BC063596
Uniprot	Q15262
GeneID	5796;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP mu (MAM) domain, an Ig-like domain and four fibronectin type III-like repeats. This PTP was shown to mediate homophilic intercellular interaction, possibly through the interaction with beta- and gamma-catenin at adherens junctions. Expression of this gene was found to be stimulated by TGF-beta 1, which may be important for the inhibition of keratinocyte proliferation.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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