

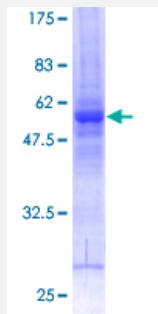
Full-Length

PTPN9 (Human) Recombinant Protein (P01)

Catalog # H00005780-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PTPN9 full-length ORF (AAH10863, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEPATAPRPDMAPELTPEEEQATKQFLEEINKWTVQYNVSPLSWNVAVKFLMARKFDVLRAIELF
HSYRETRRKEGMKLPHEEPLRSEILSGKFTILNVRDPTGASIALFTARLHHPKSVQHVVLLQALFY
LLDRAVDSFETQRNGLVFYDMCGSNYANFELDLGKKVLNLLKGAFPARLKKVLVGAPIWFRVPY
SIISLLLKDKVRERIQILKTSEVTQHLPRECLPENLGGYVKIDLATWNFQFLPQVNGHPDPFDEIILFS
LPPALDWDSVHVPGPHAMTIQELVDYVNARQKQGIYEEYEDIRRENPVGTFHCSMSPGNLEKNRY
GDVPCLDQTRVKLTKRSGHTQTDYNASFMDGYKQKNAYIGTQGPLENTYRDFWLMVWEQKVLVI
VMTTRFEEGGRKCGQYWPLEKDSRIRFGFLTNTLGVENMNHYYKTTLEIHNTTEERQKRQVTHF
QFLSWPDYGVPSAASLIDFLRVVRNQQLAVSNMGARSKGQCPEPPIVHCSAGIGRTGTFC
LDICLAQLEELGTLNVFQTVSRMRTQRAFSIQTPYQYFCYKAILEFAEKEGMVSSGQNLLAVESQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.86

Interspecies Antigen Sequence

Mouse (97); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PTPN9

Entrez GeneID	5780
GeneBank Accession#	BC010863.1
Protein Accession#	AAH10863
Gene Name	PTPN9
Gene Alias	MEG2, PTPMEG2
Gene Description	protein tyrosine phosphatase, non-receptor type 9
Omim ID	600768
Gene Ontology	Hyperlink
Gene Summary	<p>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 contains an N-terminal domain that shares a significant similarity with yeast SEC14, which is a protein that has phosphatidylinositol transfer activity and is required for protein secretion through the Golgi complex in yeast. This PTP was found to be activated by polyphosphoinositide, and is thought to be involved in signaling events regulating phagocytosis. [provided by RefSeq]</p>
Other Designations	PTPase-MEG2 protein-tyrosine phosphatase MEG2