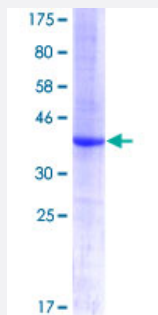


MPHOSPH1 (Human) Recombinant Protein (Q01)

Catalog # H00009585-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MPHOSPH1 partial ORF (NP_057279, 1671 a.a. - 1780 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RSQASIIGVNLATKKKEGTLQKFGDFLQHSPSILQSKAKKIIETMSSSKLSNVEASKENVSQPKRAK RKLYTSEISSPIDISGQVILMDQKMKESDHQIIKRRLRTKTAK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (70); Rat (72)
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 — KIF20B

Entrez GeneID	9585
GeneBank Accession#	NM_016195
Protein Accession#	NP_057279
Gene Name	KIF20B
Gene Alias	DKFZp434B0435, DKFZp434P0810, KRMP1, MPHOSPH1, MPP-1, MPP1
Gene Description	kinesin family member 20B
Omim ID	605498
Gene Ontology	Hyperlink
Other Designations	M-phase phosphoprotein 1 OTTHUMP00000020073 mitotic kinesin-like protein

Publication Reference

- [A Monoclonal Antibody to M-Phase Phosphoprotein 1/Kinesin-Like Protein KIF20B.](#)

Fritzler MJ, Brown RD, Zhang M.

Monoclonal Antibodies in Immunodiagnosis and Immunotherapy 2019 Aug; 38(4):162.

Application: Func, Human, Antibody, Human serum

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)