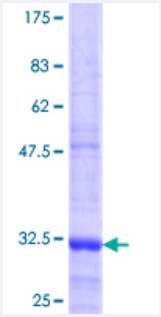
SH2D1B (Human) Recombinant Protein (Q01)

Catalog # H00117157-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SH2D1B partial ORF (NP_444512.2, 54 a.a. - 132 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	RIFREKHGYYRIQTAEGSPKQVFPSLKELISKFEKPNQGMVVHLLKPIKRTSPSLRWRGLKLELETF VNSNSDYVDVLP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.43
Interspecies Antigen Sequence	Mouse (65); Rat (65)
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 — SH2D1B

Entrez GeneID	117157
GeneBank Accession#	NM_053282
Protein Accession#	NP_444512.2
Gene Name	SH2D1B
Gene Alias	EAT2
Gene Description	SH2 domain containing 1B
Omim ID	608510
Gene Ontology	Hyperlink
Gene Summary	By binding phosphotyrosines through its free SRC (MIM 190090) homology-2 (SH2) domain, EAT 2 regulates signal transduction through receptors expressed on the surface of antigen-presenting cells (Morra et al., 2001 [PubMed 11689425]).[supplied by OMIM
Other Designations	OTTHUMP00000029531|SH2 domain-containing molecule EAT2

Pathway

- Natural killer cell mediated cytotoxicity