

## Product datasheet for **TP305069L**

### SH2D1B (NM\_053282) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH2 domain containing 1B (SH2D1B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205069 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MDLPYYHGRLTKQDCETLLLKEGVDGNFLLRDSSESIPGVLCVLFKNIIVTYRIFREKHGYRIQTAEG SPKQVFPSTLSELKFEKPNQGMVVHLLKPIKRTSPSLRWRGLKLELETFNNSNSDYVDVLP
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	15.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_444512</a>
Locus ID:	117157
UniProt ID:	<a href="#">O14796</a>
RefSeq Size:	2553
Cytogenetics:	1q23.3



[View online »](#)

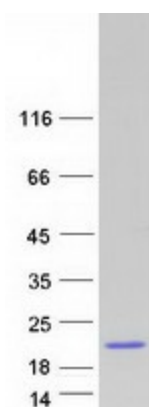
RefSeq ORF: 396

Synonyms: EAT2

Summary: By binding phosphotyrosines through its free SRC (MIM 190090) homology-2 (SH2) domain, EAT2 regulates signal transduction through receptors expressed on the surface of antigen-presenting cells (Morra et al., 2001 [PubMed 11689425]).[supplied by OMIM, Mar 2008]

Protein Pathways: Natural killer cell mediated cytotoxicity

### Product images:



Coomassie blue staining of purified SH2D1B protein (Cat# [TP305069]). The protein was produced from HEK293T cells transfected with SH2D1B cDNA clone (Cat# [RC205069]) using MegaTran 2.0 (Cat# [TT210002]).