

## Product datasheet for TP329333M

### SH2B2 (NM\_020979) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens SH2B adaptor protein 2 (SH2B2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC229333 representing NM\_020979

Red=Cloning site Green=Tags(s)

MDPSYCPAHGFPSQDPLWPLSSQQWSSAHYSEPAAGGCDGTEAMNGAGPGPAAAAPVVPVVPDWRQFC  
ELHAQAAAVDFAHKFCRFLRDNPAYDTPDAGASFSRHFAANFLDVFGEVRRVLVAGPTTRGAAVSAEAM  
EPELADTSALKAAPYGHSRSEDVSTHAATKARVRKGFSLRNMSLCVVDGVRDMWHRRASPEPDAAPR  
TAEPRDKWTRRLRLSRTLAAKVELVDIQREGALRFMVADDAAGSGGSAQWQKCRLLRRVAEERFRLE  
FFVPPKASRPKVSIPLSAIEVRTTMPLEMPKDNFTVLKVENGAEYILETIDSLQKHSWVADIQGCVDP  
GDSEEDTELSCTRGGCLASRVASCCELLTDAVDLPRPPETTAVGAVTAPHSRGRDAVRESLIHVPLET  
FLQTLESPGGSGSDSNNTGEQGAETDPEAEPELELSDYPWFHGTLSRVKAAQLVLGGPRNHGLFVIRQS  
ETRPGEYVLTFFNQGKAKHLRLSLNGHGQCHVQHLWFQSVLDMRLHFHTHIPILES GGSA DITLRSYVRA  
QDPPPEPGPTPPAAPASPACWSDSPGQHYFSSLAAAACPPASPSDAAGASSSSASSSSAASGPAPRPVE  
GQLSARSRNSAERLLEAVAATAAEEPPEAAPGRARAVENQYSFY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 72.1 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:** NULL or Add: Recombinant proteins 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.

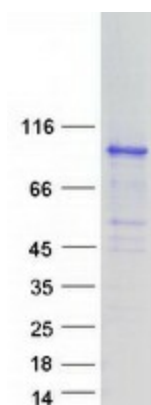
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_066189</a>
<b>Locus ID:</b>	10603
<b>UniProt ID:</b>	<a href="#">O14492</a> , <a href="#">A0A0A0MT12</a>
<b>Cytogenetics:</b>	7q22.1
<b>RefSeq ORF:</b>	2025
<b>Synonyms:</b>	APS
<b>Summary:</b>	The protein encoded by this gene is expressed in B lymphocytes and contains pleckstrin homology and src homology 2 (SH2) domains. In Burkitt's lymphoma cell lines, it is tyrosine-phosphorylated in response to B cell receptor stimulation. Because it binds Shc independent of stimulation and Grb2 after stimulation, it appears to play a role in signal transduction from the receptor to the Shc/Grb2 pathway. [provided by RefSeq, Jun 2009]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Insulin signaling pathway, Neurotrophin signaling pathway

### Product images:



Coomassie blue staining of purified SH2B2 protein (Cat# [TP329333]). The protein was produced from HEK293T cells transfected with SH2B2 cDNA clone (Cat# [RC229333]) using MegaTran 2.0 (Cat# [TT210002]).