

## Product datasheet for TP329333

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

#### Product data:

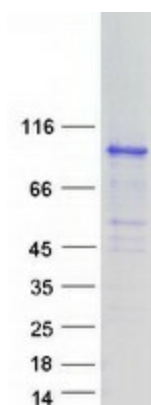
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens SH2B adaptor protein 2 (SH2B2), 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC229333 representing NM_020979 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MDPSYCPAHGFPSQDPLWPLSSQQWSSAHYSEPAAGGCDGTEAMNGAGPGPAAAAAPVPVPVVPDWRQFC ELHAQAAAVDFAHKFCRFLRDNPAYDTPDAGASFSRHFAANFLDVFGEVRRVLVAGPTTRGAAVSAEAM EPELADTSALKAAPYGHSRSEDVSTHAATKARVRKGFSLRNMSLCVVDGVRDMWHRRASPEPDAAPR TAEPRDKWTRRLRLSRTLAAKVELVDIQREGALRFMVADDAAGSGGSAQWQKCRLLRRRAVEERFRLE FFVPPKASRPKVSIPLSAIEVRTTMPLEMPKDNFTVLKVENGAEYILETIDSLQKHSWVADIQGCVDP GDSEEDTELSCTRGGCLASRVASCCELLTDAVDLPRPPETTAVGAVTAPHSRGRDAVRESLIHVPLET FLQTLESPGGSGSDSNNTGEQGAETDPEAEPELELSDYPWFHGTLSRVKAAQLVLGGPRNHGLFVIRQS ETRPGEYVLTNFQGKAKHLRLSLNGHGQCHVQHLWFQSVLDMRLHFHTHIPILES GGSA DITLRSYVRA QDPPPEPGPTPPAAPASPACWSDSPGQHYFSSLAAAACPPASPSDAAGASSSSASSSSAASGPAPRPVE GQLSARSRNSAERLLEAVAATAAEEPPEAAPGRARAVENQYSFY</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	72.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	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>
<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]).