

Recombinant Full Length Human SH2D2A Protein, C-Flag-tagged

Cat. No. SH2D2A-1415HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SH2D2A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes an adaptor protein thought to function in T-cell signal transduction. A related protein in mouse is responsible for the activation of lymphocyte-specific protein-tyrosine kinase and functions in downstream signaling. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.8 kDa
AA Sequence	MEFPLAQICPQGSHEAPIPTFSTFQITDMTRRSCQNLGYTAASPQAPEAASSTGNAE RAEEVPGEGSLFL QAETRAWFQKTQAHWLLQHGAAPAWFHGFITRREAERLLEPK PQGCYLVRFSESAFTVLTYSRTCCRH FLLAQLRDGRHVVLGEDSAHARLQDLLL HYTAHPLSPYGETLTEPLARQTPEPAGLSLRTEESNFGSKSQ DPNPQYSPPIKQGQA PVPMQKEGAGEKEPSQLLRPKPIPAKPQLPPEVYTIPVPRHRPAPRPKPSNPIY NE PDEPIAFYAMGRGSPGEAPSNIYVEVEDEGLPATLGHPVLRKSWSRPVPGGQNTG GSQLHSENSVIGQ GPPLPHQPPPAPWRHTLPHNLSRQVLQDRGQAWLPLGPPQTRTRPLEQKLISEEDLA

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	VEGF signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	SH2D2A SH2 domain containing 2A [Homo sapiens (human)]
Official Symbol	SH2D2A
Synonyms	SCAP; TSAD; VRAP; F2771
Gene ID	9047
mRNA Refseq	NM_003975.4
Protein Refseq	NP_003966.2

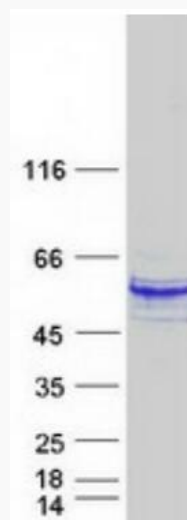
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MIM 604514

UniProt ID Q9NP31



Coomassie blue staining of purified SH2D2A protein.

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