

Recombinant Human SH2D3C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH2D3C-787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH2D3C MS Standard C13 and N15-labeled recombinant protein (NP_005480) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an adaptor protein and member of a cytoplasmic protein family involved in cell migration. The encoded protein contains a putative Src homology 2 (SH2) domain and guanine nucleotide exchange factor-like domain which allows this signaling protein to form a complex with scaffolding protein Crk-associated substrate. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	77.1 kDa
AA Sequence	MTAVGRRCPALGSRGAAGEPEAGSDYVKFSKEKYILDSSPEKLHKELEELKLSSTD LRSHAWYHGRIPREVSETLVQRNGDFLIRDSLTS LGDYVLT CRWRN QALHFKINKVV VKAGESYTHIQYLFEQESFDHVPALVRYHVGSRKAVSEQSGAIIYCPVNRTFPLRYLE ASYGLGQGSSKPASPVSPSGPKGSHMKRRSVTMTDGLTADKVTRSDGCPTSTSLP RPRDSIRSCALSMQIPDLHSPMSPISESPSSPAYSTVTRVHAAPAAPSATALPASPV ARRSSEPQLCPGSAPKTHGESDKGPHTSPSHTLGKASPSPSLSSYSDPDSGHYCQ LQPPVGRSREWAATETSSQQARSYGERLKELENGAPEGDWGKTFVPIVEVTSSF NPATFQSLIPRDNRPLEVGLLRKVKELLA EVDARTLARHVTKVDC LVARILGVTKEM

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QTLMGVRWGMELLTLPHGRLDLLERFHTMSIMLAVDILGCTGSAEERAALLHKT
 IQLAAELRGTMGNMFSFAAVMGALDMAQISRLEQTWVTLRQRHTEGAILYEKKLKPF
 LKSLNEGKEGPPLSNTTFPHVLP LITLLECD SAPPEGPEPWGSTEHGVEVLAHLEA
 ARTVAHHGGLYHTNAEVKLQGFQARPELLEVFSTEFQMRLWGSQGASSSQARRY
 EKFDKVLTA LSHKLEPAVRSELTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SH2D3C SH2 domain containing 3C [Homo sapiens (human)]

Official Symbol SH2D3C

Synonyms SH2D3C; SH2 domain containing 3C; SH2 domain-containing protein 3C; NSP3; novel SH2-containing protein 3; CHAT; PRO34088; FLJ39664;

Gene ID 10044

mRNA Refseq NM_005489

Protein Refseq NP_005480

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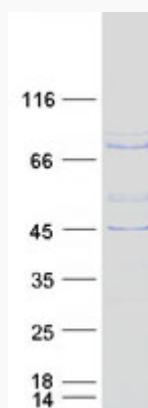
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MIM 604722

UniProt ID Q8N5H7

SDS-PAGE



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