

Recombinant Human SDK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SDK2-487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SDK2 MS Standard C13 and N15-labeled recombinant protein (NP_001138424) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the immunoglobulin superfamily. The protein contains two immunoglobulin domains and thirteen fibronectin type III domains. Fibronectin type III domains are present in both extracellular and intracellular proteins and tandem repeats are known to contain binding sites for DNA, heparin and the cell surface. This protein, and a homologous mouse sequence, are very similar to the Drosophila sidekick gene product but the specific function of this superfamily member is not yet known. Evidence for alternative splicing at this gene locus has been observed but the full-length nature of additional variants has not yet been determined.
Molecular Mass	239.2 kDa
AA Sequence	MWGLLIWTLALHQAARAQDDVSPYFKTEPVRTQVHLEGNRLVLTCAEGSWPL EFKWLHNNRELTKFSLEYRYMITS�DRTHAGFYRCIVRNRMGALLQRQTEVQVAYM GSFEEGEKHQSVSHGEAAVIRAPRIASFPQPQVTWFRDGRKIPPSSRIAITLENTLVIL STVAPDAGRYVYQAVNDKNGDNKTSQPITLTVENVGGPADPIAPTIIPPKNTSVVAG

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TSEVTLECVANARPLIKLHIIWKKDGVLLSGGISDHNRRLTIPNPTGSDAGYYECEAVL
RSSSVPSVVRGAYLSVLEPPQFVKEPERHITAEMEKVVDIPCQAKGVPPPSITWYKD
AAVVEVEKLTRFRQRNDGGLQISGLVPDDTGMFQCFARNAAGEVQTSTYLAVTSIA
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GVTHDPRVTIRYIWEKDGATLGTESHPRIRLDRNGSLHISQTSWSDIGTYTCRVISAG
GNDSRSAHLRVRQLPHAPEHPVATLSTVERRAINLTWTKPFDGNSPLIRYILEMSEN
NAPWTVLLASVDPKATSVTVKGLVPARSYQFRLCAVNDVGKGQFSK DTERVSLPEE
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ADVNNLLLEDLIWNTNYEIEVAAYNSAGLGVYSSKVTEWTLQGVPTVPPGNVHAEAT
NSTTIRFTWNAPSPQFINGINQGYKLIawePEQEEEVMTARP NFQDSIHVGFVSG
LKKFTEYFTSVLCFTTPGDGPRSTPQLVRTHEDVPGPVGHLSFSEILDTSLK VSWQE
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GKTL SHVVQDRVERDYTIEDLEEWTEYRVQVQAFNAIGSGPWSQTVVGRTRESVPS
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TPTQGQTQQAAPSAPSSVKFSELTTTTSVNVSWEAPQFPNGILEGYRLVYEP CSPVD
GVSKIVTV DVKGN SPLWLKVKDLAEGVTYRFIRAKTFTYGPEIEANVT TGPEGAP
GPPGVPIIVRYSSAIAIHWSSGDPGKGPI TRYVIEARPSDEGLWDILIKDIPKEVSSYTF
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FILLLVFVLIIRGQSKKYAKKTDSGNSAKSGALGHSEMMSLDESSFPALELNNRRLSV
KNSFCRKNGLYTRSPRPSPGSLHYSDDEDVTKYNDLIPAESSSLTEKPSEISDSQGS
DSEYEVDNHNQKAHSFVNHYISDPTYYNWRRQQKGISRAQAYSYTESDSGEPDH
TTVTNSTSTQQGSLFRPKASRTPTQNPNNPPSQQSTLYRPPSSLAPGSRAPIAGFS
SFVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [SDK2 sidekick cell adhesion molecule 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [SDK2](#)

Synonyms SDK2; sidekick cell adhesion molecule 2; protein sidekick-2; sidekick homolog 2

Gene ID [54549](#)

mRNA Refseq [NM_001144952](#)

Protein Refseq [NP_001138424](#)

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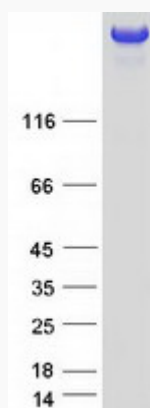
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MIM 607217

UniProt ID Q58EX2

SDS-PAGE



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