

Product datasheet for **PH327752**

SDK2 (NM_001144952) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SDK2 MS Standard C13 and N15-labeled recombinant protein (NP_001138424)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227752
Predicted MW:	239.2 kDa



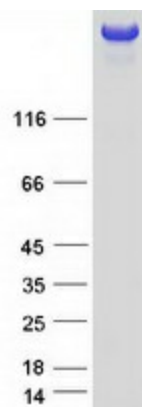
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Protein Sequence:	>RC227752 representing NM_001144952 Red=Cloning site Green=Tags(s) MWGLLIWTLALHQAARAQDDVSPYFKTEPVRTQVHLEGNRLVLTCAEGSWPLEFKWLHNNRELTKF SLEYRYMITS�DRTHAGFYRCIVRNRMGALLQRQTEVQVAYMGSFEEGEKHQSVSHGEAAVIRAPRIASF PQPQVTFWRDGRKIPPSSRIAITLENTLVILSTVAPDAGRYVQAVNDKNGDNKTSQPITLTVENVGGA DPIAPTIIIPPKNSTSVAGTSEVTLCEVANARPLIKLHIIWKKDGVLLSGGISDHNRRLTIPNPTGSDAG YYECEAVLRSSSVPSVVRGAYLSVLEPPQFVKEPERHITAEMEKVVDIPCAKGVPPPSITWYKDAVVE VEKLTRFRQRNDGGLQISGLVDDTGMFQCFARNAAGEVQTSTYLAVTSIAPNITRGPLDSTVIDGMSV LACETSGAPRAITWQGERILASGSVQLPRFTPLESGSLLISPTHISDAGTYTCLATNSRGVDEASADL VVWARTRITKPPQDQSVIKGTQASMVCVTHDPRVTIRYIWEKDGLTGESHPRIRLDRNGSLHISQW SGDIGTYTCRVISAGGNDSSAHLRVRQLPHAPEHPVATLSTVERRAINLTWTKPFDGNSPLIRYILEMS ENNAPWTVLLASVDPKATSVTVKGLVPARSYQFRLCAVNDVGKGQFSKDERVSLPEEPPTAPPQNVIAS GRNQSIMIQWQPPESHQNGILKGYIIRYCLAGLPVGYQFKNITDADVNNLLLEDLIITWNYEIEVAAY NSAGLGVYSSKVTWTLQGVPTVPPGNVHAEATNSTTIRFTWNPSPQFINGINQGYKLIawePEQEEV TMTARPNFQDSIHVGFVSGLKKFTEYFTSVLCFTTPGDGPRSTPQLVRTHEDVPGVPVGHLSFSEILDTS LKVSWEQEPGEKNGILTGIRISWEEYNRTNTRVTHYLPNVTLEYRVTGLTALTITYIEVAAMTSKGQGV ASTISSGVPELPGPPTNLGISNIGPRSVTLQFRPGYDGKTSISRWLVEAQVGVVGEWLLIHQLSNE PDARSMEVDPDLPFTCYSFMRQVNIIVGTSPSPSRKIQTQAPPDMPANVSLRTASETSLWRWML PEMEYNGNPESVGKIKYSRSDGHGKTLSHVVQDRVERDYTIEDLEEWTEYRVQVAFNAIGSGPWSQTV VGRTRSVSPSGPTNVSAALATSSSMLVRWSEVPEADRNLVLGYKMYKEKSDTQPRFWLVEGNSSRS AQLTGLGKYVLVEVQVLAFTTRIGDGSHPPIILERTLDDVPGPPMGILFPEVRTTSVRLIWQPPAAPNGI ILAYQITHRLNTTANTATVEVLAPSARQYTATGLKPESVYLFRIATAQTRKGWGEAAEALVVTTEKDRDP QPPSRPMVQQEDVRARSVLLSWEPSDGLSPVRYTYIQTRELPSGRWALHSASVSHNASSFIVDRLKPT SYKFRVKATNDIGDSEFSESESLTTLQAAPDEAPTILSVTPHTTTSVLIRWQPPAEDKINGILLGFRIR YRELLYELRGFTLRGINNPATWAELTSMYSMRNLSRPSLTQYELDNLNKHRRYEIRMSVYNVAVGEGPS SPPQEVFVGEAVPTAAPRNVVHGATATQLDVTWEPPPLDSQNGDIQGYKIYFWEAQRGNLTERVKTFL AENSVKLNLTGYTAYMVSAAAFNAAGDGRSTPTQGGTQQAAPSAPSSVKFSELTTTSVNVSWEAPQFP NGILEGYRLVYEPSPVDGVSKIIVTVKGNLWLVKDLAEGVTYRFRIRAKTFTYGEIEANVTGP GEGAPGPPGVPIIVRYSSAIAIHWSGDPGKGPITRYVIEARPSDEGLWDILIKDIPKEVSSYTFMSDIL KPGVSYDFRVIAVNDYGFPTSSPSQSVPAQKANPFYEEWWFLVVIALVGLIFILLVFVLIIRGQSKKY AKKTDGNSAKSGALGHSEMMSLDESSPALELNRRRLSVKNSFCRKNGLYTRSPRPSGSLHYSDVD TKYNDLIPAESSLSEKPSISDSQGSSEYEVDSNHQKAHSFVNHYISDPTYNYSWRRQKQGISRAQAY SYTESDSGEPDHTTVTNSTSTQGGSLFRPKASRTPTQNPNNPPSQSTLYRPPSSLAPGSRAPAGFSS FV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001138424
RefSeq ORF:	6516

Locus ID: 54549
UniProt ID: [Q58EX2](#)
Cytogenetics: 17q25.1
Summary:

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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SDK2 protein (Cat# [TP327752]). The protein was produced from HEK293T cells transfected with SDK2 cDNA clone (Cat# [RC227752]) using MegaTran 2.0 (Cat# [TT210002]).