

Product datasheet for PH320303

PSD3 (NM_015310) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PSD3 MS Standard C13 and N15-labeled recombinant protein (NP_056125)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220303
Predicted MW:	115.8 kDa
Protein Sequence:	>RC220303 representing NM_015310 Red=Cloning site Green=Tags(s)

MEGRSAAAEFTVWVNNASHSQSVAKAKYEFVFRSEGGKAPDTS DHGGSTLLPPNVTNEFP EYGTMEEGG
EGLRASLEFDGEALPCHPQEQQGVQPLTGCHSGLDSVTEGPKDVREAPSQSHLKEQSLQPIDSLISALKA
TEARIISGTLQATKVLQDAVSSFSVQVQVEKELDTASRKTQRVNKTLPAGQKNLPEIPLSAEVTTEESFY
LSIQKDLTALLTGDTQAEISQIMNNGRKGAVCVQEPSCPLASLGSSAVTCHSAGSVGFLKEQRSALGREH
PGGCDRSSMGRPGRVKHVEFQGV EILWTGGDKRETQHPIDFETSLQRTASPDSKESSKVRPHL ISSAGL
CNSSSLTENVWDESWKAPSERPGTSSGTFSPVRLDESGEDEVFLQENKQHLEKTPKPERDRERISEQEEH
VKGEDEDILGPGYTEDSTDVYSSQFETILDNTSLYSAESLETLYSEPDSYFSFEMPLTPMIQQRKEGG
QFLERTSGGGHQDILSVSADGGIVMGYSSGVTNGLNDASDSIYTKGTPEIAFWGSNAGVKTTRLEAHSEM
GSTEILEKETPENLNGTSSNVEAAKRLAKRLYQLDRFKRSDVAKHLGKNNF SKLVAEEYLKFFDFDTGM
TLDQSLRYFFKAFSLVGETQERERVL IHF SNRYFYCNPDTIASQDGVHCLTCAIMLLNTDLHGHNIGKKM
TCQEFIANLQGVNEGVDVFSKDLLKALYNSIKNEKLEWAVDDEEKKKSPSESTEEKANGTHPKTISRIGST
TNPFLDIPHPNAAVYKSGFLARKIHADMDGKKT PRGKRGWKT FYAVLKGTVLYLQKDEYKPEKALSEED
LKNVSVHHALASKATDYEKPNVFKLKTADWRVLLFQTQSPEEMQGWINKINCVAAVFSAPPFPAAIGS
QKKFSRPLL PATTTKLSQEEQLKSHESKLKQITTELAEHRSYPPDKVKAKDVDEYKLDHYLEFEKTRY
EMYVSILKEGGKELLSNDESEAAGLKKSHSSPSLNPDTSPITAKVKRNVSERKDRPETPSIKQKVT

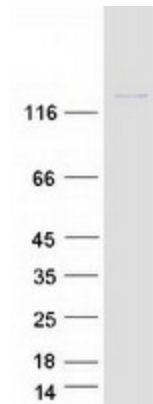
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_056125
RefSeq Size:	11687
RefSeq ORF:	3141
Synonyms:	EFA6D; EFA6R; HCA67
Locus ID:	23362
UniProt ID:	Q9NYI0 , B3KRC4
Cytogenetics:	8p22
Summary:	Guanine nucleotide exchange factor for ARF6.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Endocytosis

Product images:

Coomassie blue staining of purified PSD3 protein (Cat# [TP320303]). The protein was produced from HEK293T cells transfected with PSD3 cDNA clone (Cat# [RC220303]) using MegaTran 2.0 (Cat# [TT210002]).