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Product datasheet for PH317975

STON1 (NM_006873) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STON1 MS Standard C13 and N15-labeled recombinant protein (NP_006864)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217975
Predicted MW:	83.2 kDa
Protein Sequence:	>RC217975 protein sequence Red=Cloning site Green=Tags(s) MCSTNPGKWVTFDDDPAVQSSQKSKNFPLENQGVCRPNGLKLNLPGLREFPSGSSSTSSTPLSSPIVDFY FSPGPPSNSPLSTPTKDFPGFPGIPKAGTHVLYPIPESSSDSPLAISGGESSLLPTRPTCLSHALLPSDH SCTHPTPKVGLPDEVNPQQAESLGFQSDDLPQFQYFREDCAFSSPFWKDEGSDSHFTLDPPGSKKMFSSR NKEMPIDQKSLNKCSLNYICEKLEHLQSAENQDSLRSLSMHCLCAEENASSFVPHTLFRSQPKSGWSFML RIPEKKNMMSSRQWGPIFLKVLPGGILQMYYEQGLEKPFKEIQLDPYCRLSEPKVENFSVAGKIHTVKIE HVSYTEKRKYHSKTEVVHEPDIEQMLKLGSTSYHDFLDFLTTVEEELMKLPAVSKPKKNYEEQEISLEIV DNFWGKVTKEGKFVESAVITQMYCLCFVNGNLECFLTLNDLELPKRDESYYEKDSEKKGIDILDYHFHKC VNVQEFEQSRIIKFVPLDACRFELMRFKTLYNGDNLPFSLKSVVVVQGAYVELQAFVNMASLAQRSSYAG SLRSCDNIRIHFPVPSQWIKALWTMNLQRQKSLKAKMNRRACLGSLQELESEPVIQVTVGSAKYESAYQA VVWKIDRLPDKNSSLDHPHCLSYKLELGSDQEIPSDWYPFATVQFSVPDTCASRTEVRSLGVESDVQPQK HVQQRACYNIQVEIEKKWIKIDGEDPDKIGDCITQ 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_006864

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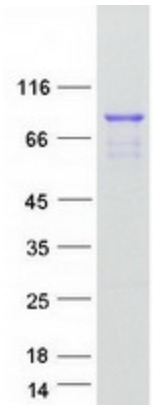
RefSeq Size:	5534
RefSeq ORF:	2205
Synonyms:	SALF; SBLF; STN1; STNB1
Locus ID:	11037
UniProt ID:	Q9Y6Q2, B2RB25
Cytogenetics:	2p16.3
Summary:	Endocytosis of cell surface proteins is mediated by a complex molecular machinery that assembles on the inner surface of the plasma membrane. This gene encodes one of two human homologs of the Drosophila melanogaster stoned B protein. This protein is related to components of the endocytic machinery and exhibits a modular structure consisting of an N-terminal proline-rich domain, a central region of homology specific to the human stoned B-like proteins, and a C-terminal region homologous to the mu subunits of adaptor protein (AP) complexes. Read-through transcription of this gene into the neighboring downstream gene, which encodes TFIIA-alpha/beta-like factor, generates a transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2010]
Protein Families:	Transcription Factors
Protein Pathways:	Basal transcription factors

Product images:



Coomassie blue staining of purified STON1 protein (Cat# [TP317975]). The protein was produced from HEK293T cells transfected with STON1 cDNA clone (Cat# [RC217975]) using MegaTran 2.0 (Cat# [TT210002]).