

Product datasheet for PH302622

SUSD4 (NM_001037175) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SUSD4 MS Standard C13 and N15-labeled recombinant protein (NP_001032252)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202622
Predicted MW:	32.2 kDa
Protein Sequence:	>RC202622 protein sequence Red=Cloning site Green=Tags(s) MYHGMNPSNGDGFLEQQQQQQPSPQRLLAVILWFQLALCFGPAQLTGGFDDLQVCADPGIPENGFRTPSGGVFFEGSVARFHCQDGFKLKGGATKRLCLKHFNGTLGWIPSDNSICVQEDCRIPQIEDAEIHNKTYRHGKLIITCHEGFKIRYPDLHNMVSLCRDDGTWNNLPICQGCLRPLASSNGYVNISELQTSFPVGTVISYRCFPGFKLDGSAYLECLQNLIWSSSPRCLALEGGRPEHLFPVLYFPHIRLAAAVLYFCPVLKSSPTPAPTC SSTSTTSLF 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_001032252
RefSeq Size:	1114
RefSeq ORF:	870
Synonyms:	PRO222
Locus ID:	55061



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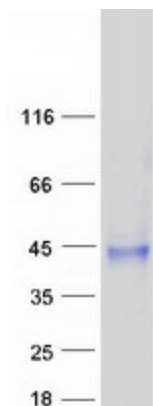
UniProt ID: [Q5VX71](#), [A0A140VK55](#)

Cytogenetics: 1q41

Summary: Acts as complement inhibitor by disrupting the formation of the classical C3 convertase. Isoform 3 inhibits the classical complement pathway, while membrane-bound isoform 1 inhibits deposition of C3b via both the classical and alternative complement pathways. [UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SUSD4 protein (Cat# [TP302622]). The protein was produced from HEK293T cells transfected with SUSD4 cDNA clone (Cat# [RC202622]) using MegaTran 2.0 (Cat# [TT210002]).