

Product datasheet for PH301676

SUGT1 (NM_006704) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SUGT1 MS Standard C13 and N15-labeled recombinant protein (NP_006695)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201676
Predicted MW:	37.8 kDa
Protein Sequence:	>RC201676 protein sequence Red =Cloning site Green =Tags(s) MAAAAAGTATSQRFFQSFSDALIDEDPQAAL EELTKALEQKPDDAQYYCQRAYCHILLGNYCVAVADAKK SLELNPNNSTAMLRKGI CEYHEKNYAAALETFTEGQKLD SADANFSVWIKRCQEAQNGSESEVWTHQSKI KYDWYQTESQVVITLMIKNVQKNDVNVEFSEKEL SALVKLPSGEDYNLKLLELLHPIIPEQSTFKVLSTKI EIKLKKPEAVRWEKLEGGQDVPTPKQFVADVKNLYPSSSPYTRNWDKLVGEIKEEEKNEKLEGDAALNRL FQQIYSDGSDEVKRAMNKSFMESGGTVLSTNWSVDVGKRKVEINPPDDMEWKKY 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.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006695</u>
RefSeq Size:	1705
RefSeq ORF:	999
Synonyms:	SGT1
Locus ID:	10910



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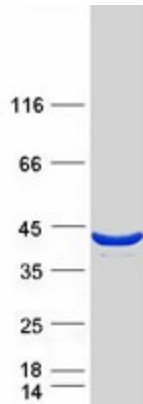
UniProt ID: [Q9Y2Z0](#), [A8K7W3](#)

Cytogenetics: 13q14.3

Summary: This gene encodes a highly conserved nuclear protein involved in kinetochore function and required for the G1/S and G2/M transitions. This protein interacts with heat shock protein 90. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene have been defined on several different chromosomes. [provided by RefSeq, Mar 2016]

Protein Pathways: NOD-like receptor signaling pathway

Product images:



Coomassie blue staining of purified SUGT1 protein (Cat# [TP301676]). The protein was produced from HEK293T cells transfected with SUGT1 cDNA clone (Cat# [RC201676]) using MegaTran 2.0 (Cat# [TT210002]).