

Product datasheet for PH307595

TULP3 (NM_003324) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TULP3 MS Standard C13 and N15-labeled recombinant protein (NP_003315)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207595
Predicted MW:	49.7 kDa
Protein Sequence:	>RC207595 protein sequence Red=Cloning site Green=Tags(s)

MEASRCRLSPSGDSVFHEEMMKMRQAKLDYQRLLLEKRQRKRLEPFMVQPNPEARLRRAKPRASDEQTP
LVNCHTPHSNVILHGIDGPAAVLKPDEVHAPSVSSSVVEEDAENTVDTASKPGLQERLQKHDISESYNFD
EETDGISQSACLERPNSASSQNSTDTGTSGSATAAQPADNLLGDIDYLEDVYSPAPQGVTVRCRIIRDK
RGMDRGLFPTYMYLEKEENQKIFLLAARKRKKSKTANYLISIDPVDLSREGESYVGKLRSLMGTKFTV
YDRGICPMKGRGLVGAATHRQELAAISYETNVLGFKGPRKMSVIIPGMTLNHKQIPYQPQNNHDSLLSRW
QNRMTMENLVELHNKAPVWNSDTQSYVLFNFRGRVTQASVKNFQIVHKNDPDYIVMQFGRVADDVFTLDYNY
PLCAVQAFGIGLSSFDSKLACE

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:	<u>NP_003315</u>
RefSeq Size:	3106
RefSeq ORF:	1326
Synonyms:	TUBL3



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Locus ID: 7289

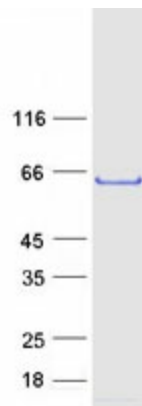
UniProt ID: [O75386](#), [B7Z1E7](#)

Cytogenetics: 12p13.33

Summary: This gene encodes a member of the tubby gene family of bipartite transcription factors. Members of this family have been identified in plants, vertebrates, and invertebrates, and they share a conserved N-terminal transcription activation region and a conserved C-terminal DNA and phosphatidylinositol-phosphate binding region. The encoded protein binds to phosphoinositides in the plasma membrane via its C-terminal region and probably functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis, for instance, induced by G-protein-coupled-receptor signaling. It plays an important role in neuronal development and function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, May 2009]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified TULP3 protein (Cat# [TP307595]). The protein was produced from HEK293T cells transfected with TULP3 cDNA clone (Cat# [RC207595]) using MegaTran 2.0 (Cat# [TT210002]).