

Product datasheet for **TP307595**

TULP3 (NM_003324) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tubby like protein 3 (TULP3), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207595 protein sequence
Red=Cloning site **Green**=Tags(s)

MEASRCRLSPSGDSVFHEEMMKMRQAKLDYQRLLEKRQRKKRLEPFMVQPNPEARLRRRAKPRASDEQTP
LVNCHTPHSNVILHGIDGPAAVLKPDEVHAPSVSSSVVEEDAENTVDTASKPGLQERLQKHDISESVNFD
EETDGISQSACLERPNSASSQNSTDTGTSGSATAAQPADNLLGDIDYLEDFVYSPAPQGVTVRCRIIRDK
RGMDRGLFPTYMYLEKEENQKIFLLAARKRKKSKTANYLISIDPVDLSREGESYVGKLRSLNMGTKFTV
YDRGICPMKGRGLVGAATRQELAAISYETNVLGFKGPRKMSV IIPGMTLNHKQIPYQPQNNHDSLLSRW
QNRTMENLVELHNKAPVWNSDTQSYVLNFRGRVTQASVKNFQIVHKNDPDYIVMQFGRVADDVFTLDYNY
PLCAVQAFGIGLSSFDSKLACE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_003315](#)



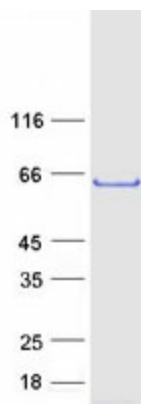
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Locus ID: 7289
UniProt ID: [O75386](#), [B7Z1E7](#)
RefSeq Size: 3106
Cytogenetics: 12p13.33
RefSeq ORF: 1326
Synonyms: TUBL3

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]).