

Recombinant Human TULP3 protein, MYC/DDK-tagged

Cat. No. TULP3-213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TULP3 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-442 aa
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name TULP3 tubby like protein 3 [Homo sapiens]

Official Symbol TULP3

Synonyms TULP3; tub; tubby-related protein 3; TUBL3; tubby-like protein 3; MGC45295;

Gene ID 7289

mRNA Refseq NM_003324

Protein Refseq NP_003315

MIM 604730

UniProt ID O75386

**Chromosome
Location** 12p13

Function phosphatidylinositol-4,5-bisphosphate binding;

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