

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	<p>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.</p>
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

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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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