

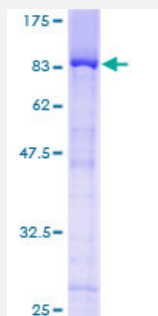
Full-Length

TULP3 (Human) Recombinant Protein (P01)

Catalog # H00007289-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TULP3 full-length ORF (AAH32587, 1 a.a. - 442 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEASRCRLSPSGDSVFHEEMMKMRQAKLDYQRLLEKRQKRKRLEPFMVQPNPEARLRRRAKP
RASDEQTPLVNCHTPHSNVILHGIDGPAAVLKPDEVHAPSVSSSVVEEDAENTVDTASKPGLQE
RLQKHDISESVNFDEETDGISQSACLERPNSASSQNSTDTGTSGSATAAQPADNLLGDIDYLEDF
VYSPAPQGVTVRCRIIRDKRGMDRGLFPTYMYLEKEENQKIFLLAARKRKKSKTANYLISIDPVDLS
REGESYVGKLRSLNMGTKFTVYDRGICPMKGRGLVGAATHRQELAAISYETNVLGFKGPRKMSVII
PGMTLNHKQIPYQPQNNHDSLLSRWQNRTMENLVELHNKAPVWNSDTQSYVLNFRGRVTQASV
KNFQIVHKNDPDYVMQFGRVADDVFTLDYNYPLCAVQAFGIGLSSFDSKLACE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.36

Interspecies Antigen Sequence

Mouse (69)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TULP3

Entrez GeneID	7289
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GeneBank Accession#	BC032587
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Protein Accession#	AAH32587
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Gene Name	TULP3
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Gene Alias	MGC45295, TUBL3
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Gene Description	tubby like protein 3
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Omim ID	604730
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Gene Ontology	Hyperlink
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Gene Summary	<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. [provided by RefSeq]</p>
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Other Designations	-
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Disease

- [Cleft Lip](#)
- [Cleft Palate](#)