Recombinant Human Tubby-related protein 3 (TULP3)

Product Code	CSB-BP025348HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75386
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEASRCRLSP SGDSVFHEEM MKMRQAKLDY QRLLLEKRQR KKRLEPFMVQ PNPEARLRRA KPRASDEQTP LVNCHTPHSN VILHGIDGPA AVLKPDEVHA PSVSSSVVEE DAENTVDTAS KPGLQERLQK HDISESVNFD EETDGISQSA CLERPNSASS QNSTDTGTSG SATAAQPADN LLGDIDDLED FVYSPAPQGV TVRCRIIRDK RGMDRGLFPT YYMYLEKEEN QKIFLLAARK RKKSKTANYL ISIDPVDLSR EGESYVGKLR SNLMGTKFTV YDRGICPMKG RGLVGAAHTR QELAAISYET NVLGFKGPRK MSVIIPGMTL NHKQIPYQPQ NNHDSLLSRW QNRTMENLVE LHNKAPVWNS DTQSYVLNFR GRVTQASVKN FQIVHKNDPD YIVMQFGRVA DDVFTLDYNY PLCAVQAFGI GLSSFDSKLA CE
Source	Baculovirus
Target Names	TULP3
Protein Names	Recommended name: Tubby-related protein 3 Alternative name(s): Tubby-like protein 3
Expression Region	1-442
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

	contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.