



# Recombinant Rat Transducin beta-like protein 3 (Tb13)

<b>Product Code</b>	CSB-EP736008RA
<b>Abbreviation</b>	Tb13
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q5U2W5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AETAAGLCR FKANYAVERK IEPFYKGGKA QLDQTGRHLF CVCGTKVNIL DVASGDLIRS LEQEDQEDIT AFDLSPDDEV LVTASRALLL AQWAWREGTV ARLWKAIHTA PVASMAFDAT STLLATGGCD GAVRVWDIVQ HYGTHHFRGS PGVVHLVAFH PDPTRLLLFS SAVDTSIRVW SLQDRSCLAV LTAHYSAVTS LSFSEDGHTM LSSGRDKICI VWDLRSYETS RTVPVFESVE ASVLLPEEPA LALGVKNSGL HFLTAGDQGI LRVWEAASGQ CVYTQPQMSG LRQELTHCTL ARAAGLLLV TADHNLLLYE ARSLQLKQF AGYSEEVDV RFLGPNDSHI IVASNSPCLK VFELQTLACQ ILHGHTDIVL ALDVFRKGWL FASCAKDQSI RIWRMNKAGQ VACVAQGSGH THSVGTICCS RLKESFLVTG SQDCTVKLWP LPEALPSKNT ASDGDLIPLQ AQSTQRCHDK DINSLAVSPN DKLLATGSQD RTAKLWALPQ CQLLGVFSGH RRGLWNVQFS PTDQVLATAS ADGTIKLWAL QDFSLKTFE GHDAVLKVA FVSRGAQLLS SGSDGLLKLW TIKSNECVRT LDAHEDKVGW LHCSRLDDHA ITGGSDSR II LWKDVTEAEQ AEEQAKREEQ VIKQQELDNL LHEKRYLRAL GLAISLDRPH TVLTVIQAIR RDPEACEKLE ATVLRRLRRDQ KEALLRFCIT WNTNSRHCH E AQAVLGVLLR HEAPEELLAY DGVRGAL EAL LPYTERHFQR LSRTLQAATF LDFLWHNMKL SPLPAAPPAL
<b>Source</b>	E.coli
<b>Target Names</b>	Tb13
<b>Protein Names</b>	Recommended name: Transducin beta-like protein 3
<b>Expression Region</b>	2-800
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein has sequence similarity with members of the WD40 repeat-containing protein family. The WD40 group is a large family of proteins, which appear to have a regulatory function. It is believed that the WD40 repeats



mediate protein-protein interactions and members of the family are involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation. This gene has multiple polyadenylation sites. It might have multiple alternatively spliced transcript variants but the variants have not been fully described yet.

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**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.

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**Shelf Life**

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