



Recombinant Human F-box-like/WD repeat-containing protein TBL1X (TBL1X)

Product Code	CSB-MP023234HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60907
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTELAGASSS CCHRPAGRGA MQSVLHHFQR LRGREGGSHF INTSSPRGEA KMSITSDEVN FLVYRYLQES GFSSAFTFG IESHISQSNI NGTLVPPAAL ISILQKGLQY VEAIEISINED GTVFDGRPIE SLSLIDAVMP DVVQTRQQAF REKLAQQQAS AAAAAAATA AATAATTTSA GVSHQNPSKN REATVNGEEN RAHSVNNHAK PMEIDGEVEI PSSKATVLRG HESEVFCIAW NPVSDLLASG SGDSTARIWN LNENSNNGGST QLVLRHCIRE GGHDVPSNKD VTSLDWNTNG TLLATGSYDG FARIWTEGDN LASTLGQHKG PIFALKWNRK GNYILSAGVD KTTIWD AHT GEAKQQFPFH SAPALDVDWQ NNTTFASCST DMCIHVCRLG CDRPVKTFQG HTNEVNAIKW DPSGMLLASC SDDMTLKIWS MKQEVCIHDL QAHNKEIYTI KWSPTGPATS NPNSNIMLAS ASFDSTVRLW DIERGVCTHT LTKHQEPVYS VAFSPDGKYL ASGSFDKCVH IWNTQSGNLV HSYRGTGGIF EVCWNARGDK VGASASDGSV CVLDLRK
Source	Mammalian cell
Target Names	TBL1X
Protein Names	Recommended name: F-box-like/WD repeat-containing protein TBL1X Alternative name(s): SMAP55 Transducin beta-like protein 1X Transducin-beta-like protein 1, X-linked
Expression Region	1-577
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 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 encoded protein is found as a subunit in corepressor SMRT (silencing mediator for retinoid and thyroid receptors) complex along with histone deacetylase 3 protein. This gene is located adjacent to the ocular albinism gene and it is thought to be involved in the pathogenesis of the ocular



albinism with late-onset sensorineural deafness phenotype. Four transcript variants encoding two different isoforms have been found for this gene. This gene is highly similar to the Y chromosome TBL1Y 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.