

Product datasheet for **TP313516M**

TBL1 (TBL1X) (NM_005647) Human Recombinant Protein

Product data:

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|------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human transducin (beta)-like 1X-linked (TBL1X), transcript variant 1, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC213516 representing NM_005647 |
| Clone or AA Sequence: | Red =Cloning site Green =Tags(s) |

MTELAGASSSCCHRPAGRGAMQSVLHHFQRLRGREGGSHFINTSSPRGEAKMSITSDEVNFLVYRYLQES
GFSHSAFTFGIESHISQSNINGTLVPPAALISILQKGLQYVEAEISINEDGTVFDGRPIESLSLIDAVMP
DVVQTRQQAFFREKLAQQQASAAAAAATAAATAATTTTSAGVSHQNPKNREATVNGEENRAHSVNNHAK
PMEIDGEVEIPSSKATVLRGHESEVFCAWNPVSDLLASGSGDSTARIWNLNENSNGGSTQLVLRHCIRE
GGHDVPSNKDVTSLDWNTNGTLLATGSYDGFARIWTEGDLASTLGQHKGP FALKWNRKGN YILSAGVD
KTTIIWDAHTGEAKQFPFHSAPALDVDWQNNTTFASCSTDMCIHVCR LGCDRPVKTFQGH TNEVNAIKW
DPSGMLLASCSDDMTLKIWSMKQEVCIHDLQAHNKEIYTIKWSPTGPATSNPNSNIMLASAFDSTVRLW
DIERGVCHTHTLTKHQEPVYSVAFSPDGKYLASGSFDKCVHIWNTQSGNLVHSYRGTGGIFEV CWNARGDK
VGASASDGSVCVLDLRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

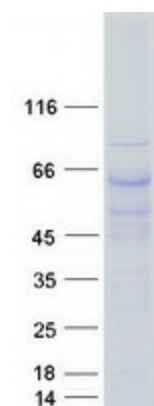
| | |
|-----------------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 62.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |



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| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_005638 |
| Locus ID: | 6907 |
| UniProt ID: | O60907 , A0A024RBV9 |
| RefSeq Size: | 5886 |
| Cytogenetics: | Xp22.31-p22.2 |
| RefSeq ORF: | 1731 |
| Synonyms: | CHNG8; EBI; SMAP55; TBL1 |
| Summary: | <p>The protein encoded by this gene 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. [provided by RefSeq, Nov 2008]</p> |
| Protein Families: | Transcription Factors |
| Protein Pathways: | Wnt signaling pathway |

Product images:



Coomassie blue staining of purified TBL1X protein (Cat# [TP313516]). The protein was produced from HEK293T cells transfected with TBL1X cDNA clone (Cat# [RC213516]) using MegaTran 2.0 (Cat# [TT210002]).