

Recombinant Human TBL1Y Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBL1Y-1190H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBL1Y MS Standard C13 and N15-labeled recombinant protein (NP_599020) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 gene is highly similar to TBL1X gene in nucleotide sequence and protein sequence, but the TBL1X gene is located on chromosome X and this gene is on chromosome Y. This gene has three alternatively spliced transcript variants encoding the same protein.
Molecular Mass	56.7 kDa
AA Sequence	MSITSDEVNFLVYRYLQESGFSSHSAFTFGIESHISQSNINGTLVPPSALISILQKGLQY VEAEISINKDGTVFDSRPIESLSLIVAVIPDVVQMRQQAFGEKLTQQQASAAATEASA MAKAATMTPAAISQQNPPKNREATVNGEENGAHEINNHSKPMEIDGDVEIPPNKATV LRGHESEVFICAWNPVSDLLASGSGDSTARIWNLNENSNGGSTQLVLRHCIREGGH

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DVPSNKDVTSLDWNSDGTLLAMGSYDGFARIWTENGNLASTLGQHKGPFIKWNK
 KGNVLSAGVDKTTIWDHAHTGEAKQQFPFHSAPALDVDWQNNMTFASCSTDMCIH
 VCRLGCDHPVKTFQGHTNEVNAIKWDPSGMLLASCSDDMTLKIWSMKQDACVHDL
 QAHSKEIYTIKWSPTGPATSNPNSSIMLASASFDSTVRLWDVEQGVCTHTLMKHQE
 PVYSVAFSPDGKYLASGSFDKYVHIWNTQSGSLVHSYQGTGGIFVCWNARGDKV
 GASASDGSVCVLDLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TBL1Y transducin beta like 1 Y-linked [Homo sapiens (human)]

Official Symbol TBL1Y

Synonyms TBL1Y; transducin (beta)-like 1, Y-linked; F-box-like/WD repeat-containing protein
 TBL1Y; TBL1; transducin beta-like 1; transducin beta-like protein 1Y; transducin-beta-like protein 1, Y-linked;

Gene ID 90665

mRNA Refseq NM_134258

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Protein Refseq NP_599020

MIM 400033

UniProt ID Q9BQ87

SDS-PAGE



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