Recombinant Human TBL1 Protein, His-tagged

Cat. No. TBL1-118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBL1 Protein, fused to His-tag, was expressed in E.coli.
Species	Human
Source	E.coli
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 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.
Form	Supplied as a 0.2 μm filtered solution in 20mM Tris, 0.15M NaCl (pH8.0)
Molecular Mass	~8.8 kDa
AA Sequence	MSITSDEVNFLVYRYLQESGFSHSAATFGIESHISQSNINGTLVPPSALISILQKGLQY V EAEISINKDGT

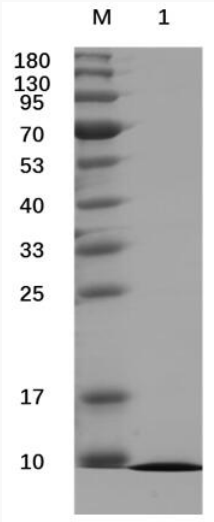
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Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.8 mg/ml

GENE INFORMATION

Gene Name	TBL1X transducin beta like 1 X-linked [Homo sapiens (human)]
Official Symbol	TBL1X
Synonyms	EBI; TBL1; CHNG8; SMAP55
Gene ID	6907
mRNA Refseq	NM_001139466
Protein Refseq	NP_001132938
MIM	300196
UniProt ID	O60907

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SDS-PAGE	 12% reducing SDS-PAGE analysis of purified TBL1 (approximately 4 mg protein loaded).

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