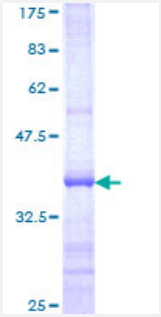
TBL1X (Human) Recombinant Protein (Q01)

Catalog # H00006907-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TBL1X partial ORF (NP_005638, 478 a.a. - 577 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	LASASFDSTVRLWDIERGVCTHTLTKHQEPVYSVAFSPDGKYLASGSFDKCVHIWNTQSGNLVHS YRGTGGIFEVCWNARGDKVGASASDGSVCVLDLRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TBL1X

Entrez GeneID	6907
GeneBank Accession#	NM_005647
Protein Accession#	NP_005638
Gene Name	TBL1X
Gene Alias	EBI, SMAP55, TBL1
Gene Description	transducin (beta)-like 1X-linked
Omim ID	300196
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	F-box-like/WD repeat-containing protein TBL1X|OTTHUMP00000022880|transducin beta-like 1X

Pathway

- Wnt signaling pathway