

Recombinant Human TBL1X protein, His-tagged

Cat. No. TBL1X-99H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBL1X, fused with N-His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	592aa(including fusion tag)
Description	Pterin-4-alpha-carbinolamine dehydratase is an enzyme involved in phenylalanine hydroxylation. A deficiency of this enzyme leads to hyperphenylalaninemia. The enzyme regulates the homodimerization of the transcription factor hepatocyte nuclear factor 1 (HNF1).
Form	20mM Tris.Cl, 100mM NaCl, 0.4M Urea, 50% Glycerol, pH8.0.
Molecular Mass	64.4kDa(including fusion tag)
Applications	WB, ELISA, IP, antibody production, protein array
Storage	Store at -80centigrade and avoid repeated freeze-thaw cycles

GENE INFORMATION

Gene Name	TBL1X transducin (beta)-like 1X-linked [Homo sapiens]
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Official Symbol	TBL1X
Synonyms	TBL1X; transducin (beta)-like 1X-linked; TBL1, transducin (beta) like 1; F-box-like/WD repeat-containing protein TBL1X; EBI; transducin beta-like protein 1X; transducin-beta-like protein 1, X-linked; TBL1; SMAP55;
Gene ID	6907
mRNA Refseq	NM_001139466
Protein Refseq	NP_001132938
MIM	300196
UniProt ID	O60907
Chromosome Location	Xp22.3
Pathway	BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem;
Function	beta-catenin binding; histone binding; protein C-terminus binding; protein binding; protein domain specific binding; transcription corepressor activity; transcription corepressor activity; transcription factor binding; transcription regulatory region DNA binding;

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