Recombinant Mouse Treh Protein, His-tagged

Cat. No. Treh-584M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Treh(Ser151~Tyr411) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser151~Tyr411
Description	This gene belongs to the alpha-glucosidase family, whose members encode enzymes that carry out hydrolysis of alpha-glucoside bonds of a variety of carbohydrates. The enzyme encoded by this gene uses the disaccharide trehalose as a highly specific substrate and converts it into two glucose molecules. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	33.5kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

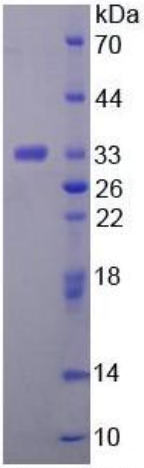
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	If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Treh trehalase (brush-border membrane glycoprotein) [Mus musculus]
Official Symbol	Treh
Synonyms	Treh; alpha,alpha-trehalase; alpha,alpha-trehalose glucohydrolase
Gene ID	58866
mRNA Refseq	NM_001277847
Protein Refseq	NP_001264776
UniProt ID	Q9JLT2

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15% SDS-PAGE

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