

Recombinant Human TREH Protein (His237-Pro420), His tagged

Cat. No. TREH-3463H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TREH (His237-Pro420) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His237-Pro420
Description	This gene encodes an enzyme that hydrolyses trehalose, a disaccharide formed from two glucose molecules found mainly in fungi, plants, and insects. A partial duplication of this gene is located adjacent to this locus on chromosome 11. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	22.82 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TREH trehalase [Homo sapiens (human)]
Official Symbol	TREH
Synonyms	TREH; trehalase; TRE; TREA; TREHD; trehalase; alpha,alpha-trehalose glucohydrolase; trehalase (brush-border membrane glycoprotein); EC 3.2.1.28
Gene ID	11181
mRNA Refseq	NM_007180
Protein Refseq	NP_009111
MIM	275360
UniProt ID	O43280

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