

Recombinant Human KBTBD10 Protein, His-tagged

Cat. No. KBTBD10-2356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KBTBD10 Protein (Leu13-Gln344) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu13-Gln344
Description	This gene is a member of the kelch-like family. The encoded protein contains a BACK domain, a BTB/POZ domain, and 5 Kelch repeats. This protein is thought to function in skeletal muscle development and maintenance. Mutations in this gene have been associated with nemaline myopathy (NM), a rare congenital muscle disorder.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.2 kDa Accurate Molecular Mass: 41 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	KBTBD10 kelch repeat and BTB (POZ) domain containing 10 [Homo sapiens (human)]
Official Symbol	KBTBD10
Synonyms	KBTBD10; kelch repeat and BTB (POZ) domain containing 10; kelch repeat and BTB domain-containing protein 10; sarcomeric muscle protein; SARCOSIN; kel-like protein 23; kelch-related protein 1; FLJ60989;
Gene ID	10324
mRNA Refseq	NM_006063
Protein Refseq	NP_006054
MIM	607701

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UniProt ID

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