

# Recombinant Human KBTBD7 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** KBTBD7-5876H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

KBTBD7 MS Standard C13 and N15-labeled recombinant protein (NP\_115514) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

The protein encoded by this gene is a transcriptional activator, having been shown to increase the transcription of activator protein-1 and serum response element. The encoded protein can also form a complex with KBTBD6 and CUL3, which regulates the ubiquitylation and degradation of TIAM1, which is a regulator of RAC1.

### Molecular Mass

77.2 kDa

### AA Sequence

MQSREDVPRSRRLASPRGGRRPKRISKPSVSAFFTGPEELKDTAHSALLAQLKSF  
 YDARLLCDVTIEVVTPGSGPGTGRLFSCNRNVLAAACPYFKSMFTGGMYESQQASV  
 TMHDVDAESFEVLVDYCYTGRVSLSEANVQRLYAASDMLQLEYVREACASFLARRL  
 DLTNCTAILKFADAFDHHKLRSSQAQSYIAHNFKQLSRMGSIREE TLADTLAQLLAVL  
 RLDSLDISSERTVCHVAVQWLEAAAKERGPSAAEVFKCVRWMHFTEEDQDYLEGLL  
 TKPIVKKYCLDVIEGALQMRYGDLLYKSLVPVPNSSSSSSSSNSLVSAENPPQRLG  
 MCAKEMVIFFGHPRDPFLCYDPYSGDIYTMPSP L TSFAHTKTVTSSAVCVSPDHDY  
 LAAQPRKDLWVYKPAQNSWQQLADRLLCREGMDVAYLNGYIYLGG RDPITGVK LK  
 EVECYSVQRNQWALVAPVPHSFYFELIVQNYLYAVNSKRMLCYDPSHNMWLNC

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ASLKRSDVFQACVFNDEIYCICDIPVMKVYNPARGEWRRISNIPLDSETHNYQIVNHD  
 QKLLITSTTPQWKKNRVTVEYDTRDQWINIGTMLGLLQFDSGFICLCARVYPSCL  
 EPGQSFITEEDDARSESSTEWDLDFSELDSESGSSSSFSDDDEVVWQVAPQRNAQ  
 DQQGSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [KBTBD7 kelch repeat and BTB domain containing 7 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [KBTBD7](#)

**Synonyms** KBTBD7; kelch repeat and BTB (POZ) domain containing 7; kelch repeat and BTB domain-containing protein 7; DKFZP434E2318; DKFZp434E2318;

**Gene ID** [84078](#)

**mRNA Refseq** [NM\\_032138](#)

**Protein Refseq** [NP\\_115514](#)

 Tel: 1-631-559-9269 1-516-512-3133

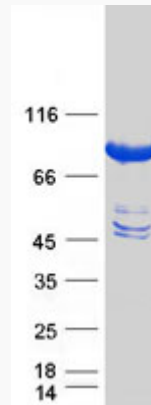
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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**MIM** 617739

**UniProt ID** Q8WVZ9

**SDS-PAGE**



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