

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	MQSREDVPRSRRLASPRGGRRPKRISKPSVSAFFTGPPEELKDTAHSAAALLAQLKSF YDARLLCDVTIEVVTPGSGPGTGRLFSCNRNVLAAACPYFKSMFTGGMYESQQASV TMHDVDAESFEVLVDYCYTGRVSLSEANVQRLYAASDMLQLEYVREACASFLARRL DLTNCTAILKFADAFDHHKLRSQAQSYIAHNFKQLSRMGSIREEETLADLTLAQLLAVL RLDSLIDIESERTVCHVAVQWLEAAAKERGPSAAEVFKCVRWMHFTEEDQDYLEGLL TKPIVKKYCLDVIEGALQMRYGDLLYKSLVPVPNSSSSSSSSNSLVSAANPPQRLG MCAKEMVIFFGHPRDPFLCYDPYSGDIYTMPSPLTSAHTKTVTSSAVCVSPDHDIY LAAQPRKDLWVYKPAQNSWQQLADRLLCREGMDVAYLNGYIYILGGRDPITGVKLK EVECYSVQRNQWALVAPVPHSFYSFELIVQNYLYAVNSKRMLCYDPSHNMWLNC

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ASLKRSDFQEACVFNDEIYCICDIPVMKVYNPARGEWRRISNIPLDSETHNYQIVNHD
 QKLLITSTTPQWKKNRVTVYEYDTREDQWINIGTMLGLLQFDSGFICLCARVYPSCL
 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

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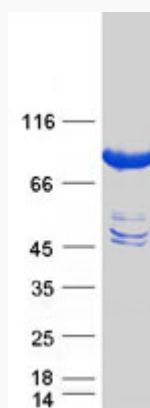
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MIM 617739

UniProt ID Q8WVZ9

SDS-PAGE



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