

Recombinant Human KBTBD7 Protein (Q2-L684), Tag Free

Cat. No. KBTBD7-0099H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-KBTBD7(Q2-L684 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	Q2-L684
Description	As part of the CUL3(KBTBD6/7) E3 ubiquitin ligase complex functions as a substrate adapter for the RAC1 guanine exchange factor (GEF) TIAM1, mediating its 'Lys-48' ubiquitination and proteasomal degradation. By controlling this ubiquitination, regulates RAC1 signal transduction and downstream biological processes including the organization of the cytoskeleton, cell migration and cell proliferation. Ubiquitination of TIAM1 requires the membrane-associated protein GABARAP which may restrict locally the activity of the complex.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	KBTBD7 kelch repeat and BTB (POZ) 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
UniProt ID	Q8WVZ9

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