

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human (GG)-KBTBD7(Q2-L684 end) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Q2-L684
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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<b>Storage</b>	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.
<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
<b>Shipping</b>	It is shipped out with blue ice.

## GENE INFORMATION

<b>Gene Name</b>	KBTBD7 kelch repeat and BTB (POZ) domain containing 7 [ Homo sapiens (human) ]
<b>Official Symbol</b>	KBTBD7
<b>Synonyms</b>	KBTBD7; kelch repeat and BTB (POZ) domain containing 7; kelch repeat and BTB domain-containing protein 7; DKFZP434E2318; DKFZp434E2318;
<b>Gene ID</b>	84078
<b>mRNA Refseq</b>	NM_032138
<b>Protein Refseq</b>	NP_115514
<b>UniProt ID</b>	Q8WVZ9

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