

Recombinant Human KBTBD6 Protein (Q2-Q674), Tag Free

Cat. No. KBTBD6-0097H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-KBTBD6(Q2-Q674 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	Q2-Q674
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	KBTBD6 kelch repeat and BTB domain containing 6 [Homo sapiens (human)]
Official Symbol	KBTBD6
Synonyms	KBTBD6; kelch repeat and BTB domain containing 6;
Gene ID	89890
mRNA Refseq	NM_152903
Protein Refseq	NP_690867
MIM	617738
UniProt ID	Q86V97

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