

Recombinant Mouse Kbtbd8 Protein, Myc/DDK-tagged

Cat. No. Kbtbd8-3652M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kelch repeat and BTB (POZ) domain containing 8 (Kbtbd8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a regulator of neural crest specification. The BCR(KBTBD8) complex acts by mediating monoubiquitination of NOLC1 and TCOF1: monoubiquitination promotes the formation of a NOLC1-TCOF1 complex that acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification.
Molecular Mass	68.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Kbtbd8 kelch repeat and BTB (POZ) domain containing 8 [Mus musculus (house mouse)]
Official Symbol	Kbtbd8
Synonyms	KBTBD8; kelch repeat and BTB (POZ) domain containing 8; kelch repeat and BTB domain-containing protein 8; SSEC 51; T-cell activation kelch repeat protein; Takrp; SSEC51; SSEC-51; AU040152; mKIAA1842; MGC91215
Gene ID	243574
mRNA Refseq	NM_001008785
Protein Refseq	NP_001008785
UniProt ID	Q3UQV5

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