

Recombinant Mouse Traf6 Protein, Myc/DDK-tagged

Cat. No. Traf6-6621M Lot. No. (See product label)

SPECIFICATION

Product Overview Purified recombinant protein of mouse full-length TNF receptor-associated factor 6 (Traf6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.

Species Mouse

Source HEK293

Description This gene encodes a member of the TNF receptor associated factor (TRAF) family of adaptor proteins that mediate signaling events from members of the TNF receptor and Toll/IL-1 receptor families to activate transcription factors such as NF-kappa-B and AP-1. The product of this gene is essential for perinatal and postnatal survival. Mice deficient in this protein exhibit osteopetrosis and defective in development of epidermal appendices, normal B cell differentiation, lymph node organogenesis, interleukin-1 signaling, lipopolysaccharide signaling and neural tube closure. This protein possesses ubiquitin ligase activity. Alternate splicing of this gene results in multiple transcript variants.

Molecular Mass 60.1 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Traf6 TNF receptor-associated factor 6 [Mus musculus (house mouse)]

Official Symbol Traf6

Synonyms TRAF6; TNF receptor-associated factor 6; E3 ubiquitin-protein ligase TRAF6; AI851288; 2310003F17Rik; C630032O20Rik

Gene ID 22034

mRNA Refseq NM_009424

Protein Refseq NP_033450

UniProt ID P70196

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