

Recombinant Mouse Traf6 Protein, His-tagged

Cat. No. Traf6-556M **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Mouse Traf6(Gln254~Asn475) fused with His tag at N-terminal was expressed in E. coli. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Gln254~Asn475 |
| 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. |
| Form | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Molecular Mass | 29.52kDa |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |

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|-----------------------|--|
| Purity | > 99% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein. |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Reconstitution | Reconstitute in PBS or others. |

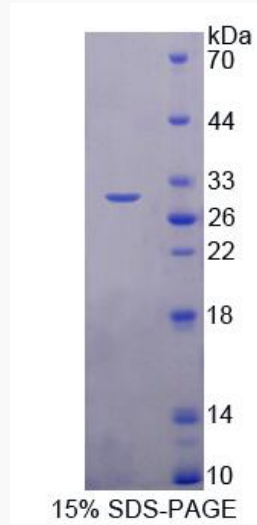
GENE INFORMATION

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|------------------------|---|
| Gene Name | Traf6 TNF receptor-associated factor 6 [Mus musculus] |
| 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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