**TRAF1 Protein**

Full-length recombinant protein expressed in Sf9 cells

**Catalog # T56-30G**
Lot # G1333-3

**Product Description**

Recombinant full-length human TRAF1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005658.

**Gene Aliases**

EBI6, MGC:10353

**Formulation**

Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.

**Storage and Stability**

Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Scientific Background**

Tumor necrosis factor receptor-associated factor 1 (TRAF1) is a member of the TNF receptor-associated factor (TRAF) family. Unlike other members of the TRAF family, it lacks the N-terminal RING/zinc-finger domain. As an adapter protein, TRAF1 regulates the activation of NF-kappa-B and JNK and plays a role in the regulation of cell survival and apoptosis. TRAF1 has been shown as a substrate of PKN1 kinase activity (1). TRAF1 inhibits TNFR2-induced proteasomal degradation of TRAF2 and relieves TNFR1-induced activation of NF B from the inhibitory effect of TNFR2 (2).

**References**


**Purity**

The purity of TRAF1 was determined to be >85% by densitometry. Approx. MW 74kDa.

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