


## Mouse TRAIL Protein

Cat #:PRP1302

Size: 5µg/20µg/100µg/1mg

### Product Information

	<b>Product Name:</b> Mouse TRAIL Protein		
<b>REF</b>	<b>Catalog Number:</b> PRP1302	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Purity:</b> > 97 % as determined by SDS-PAGE		
	<b>Storage:</b> Store at -20°C		<b>Preparation method:</b> E. coli
	<b>Shipping:</b> The product is shipped at ambient temperature.		

**Background:** TRAIL is a cytotoxic protein, which activates rapid apoptosis in tumor cells, but not in normal cells. TRAIL-induced apoptosis is achieved through binding to two death-signaling receptors, DR4 and DR5. These receptors belong to the TNFR superfamily of transmembrane proteins, and contain a cytoplasmic “death domain”, which activates the cell’s apoptotic machinery. Recombinant Mouse TRAIL consisting of the TNF-homologous portion of the extracellular domain of the full length TRAIL protein.

**Sequence:** Amino acid sequence derived from Mouse TRAIL (P50592) (Arg119-Asn291) was expressed.

**Protein length:** The recombinant Mouse TRAIL consists of 173 amino acids and predicts a molecular mass of 20.1 kDa.

**Biological Activity:** Testing in progress.

**Endotoxin:** < 0.1 EU per µg of the protein as determined by the LAL method.

**Formulation:** Lyophilized from 20mM Tris, 150mM NaCl, pH 8.0.

**Storage Instructions:** Lyophilized protein product should be stored desiccated below -20°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage notes:** Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized protein using the buffer we provided not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

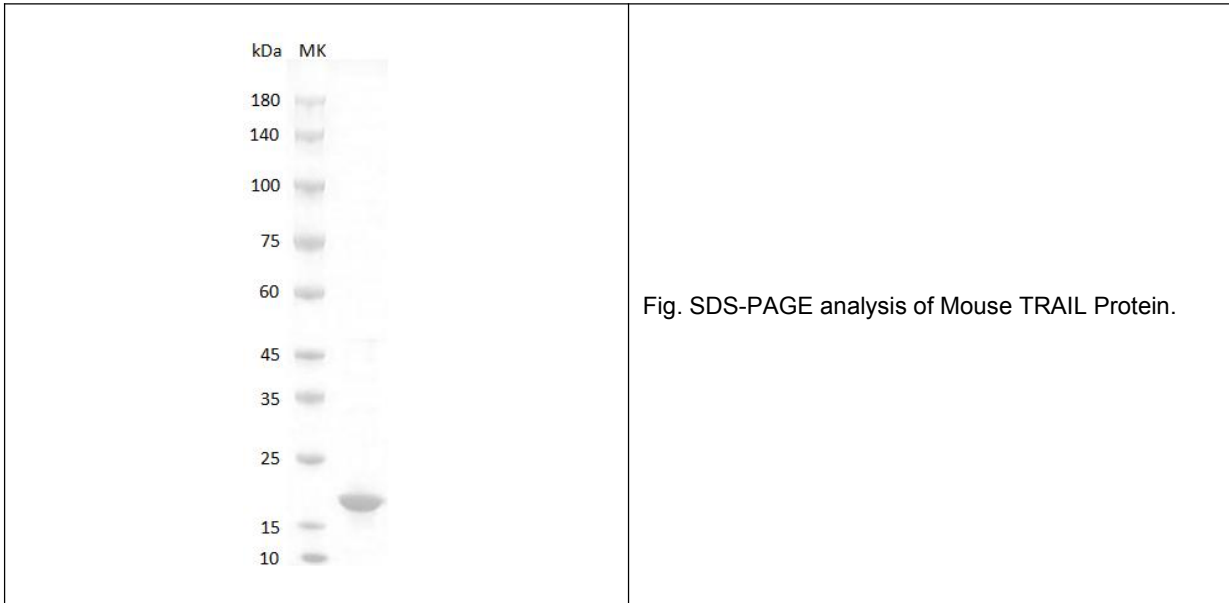


Fig. SDS-PAGE analysis of Mouse TRAIL Protein.

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