

Mouse TRAIL/TNFSF10 Protein

Cat. No. TRL-ME101



Description

Source	Recombinant Mouse TRAIL/TNFSF10 Protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Pro118-Asn291.
Accession	P50592
Molecular Weight	The protein has a predicted MW of 30.6 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

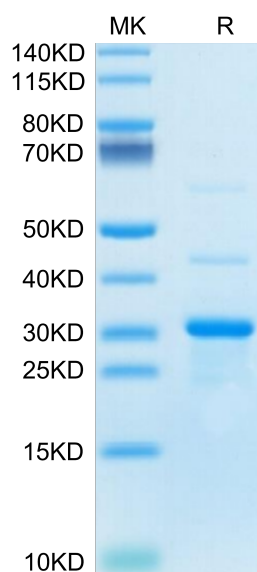
Formulation	Supplied as 0.22µm filtered solution in 0.1M Glycine, 150mM NaCl, 10% Glycerol (pH 3.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) is a member of the TNF superfamily that can initiate the apoptosis pathway by binding to its associated death receptors DR4 and DR5. The activation of the TRAIL pathway in inducing tumor-selective apoptosis leads to the development of TRAIL-based cancer therapies, which include recombinant forms of TRAIL, TRAIL receptor agonists, and other therapeutic agents.

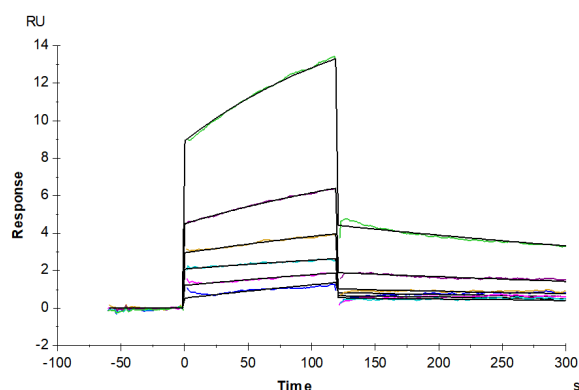
Assay Data

Bis-Tris PAGE



Mouse TRAIL on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SPR Data



Human TRAIL R1, hFc Tag captured on CM5 Chip via Protein A can bind Mouse TRAIL, His Tag with an affinity constant of 0.62 µM as determined in SPR assay (Biacore T200).