

Human TRAIL R3/DcR1 Protein, Ultra Low Endotoxin



Cat. No. TRA-HM103-UL

Description

Source	Recombinant Human TRAIL R3/DcR1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Tyr24-Ala236.
Accession	Q05D71
Molecular Weight	The protein has a predicted MW of 23.5 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

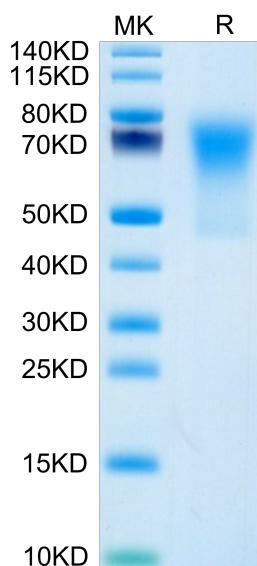
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is a member of the TNF family, which mediates apoptosis by the extrinsic pathway. Up-regulation of decoy receptors, DcR1 and DcR2, may result in diminished binding of TRAIL to their functional receptors. DcR1 expression occurs in a subset of EC and may contribute to resistance to TRAIL-induced apoptosis.

Assay Data

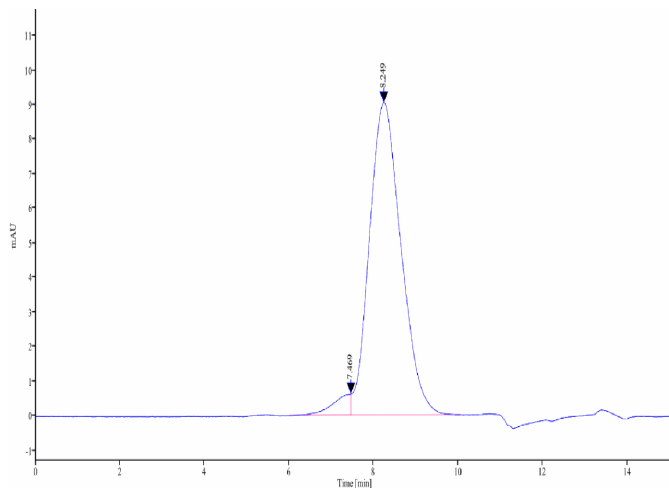
Bis-Tris PAGE



Human TRAIL R3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Human TRAIL R3 is greater than 95% as determined by SEC-HPLC.