Human TRAIL R2/DR5/TNFRSF10B Protein

Catalog # DR5-HF001 Form: Lyophilized

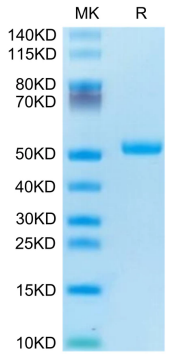
Product Details

Product description	Recombinant Human TRAIL R2/DR5/TNFRSF10B Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Ile56-Glu182 (UniProt accession: O14763-1).
Molecular aliases	CD262; DR5; DR5TRICK2B; Fas-like protein; KILLER/DR5; TNFRSF10B; TRAIL R2; TRAIL receptor 2; TRAILR2; TRICK2; TRICK2A; TRICKB; ZTNFR9; KILLER
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 41.1 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per ug by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 50mM Tris, 100mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
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.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human TRAIL R2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.