

Biotinylated Human DR3/TNFRSF25 Protein



Cat. No. DR3-HM401B

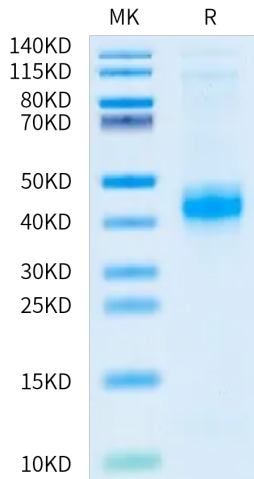
| Description | |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source | Recombinant Biotinylated Human DR3/TNFRSF25 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gln25-Gln199. |
| Accession | AAI17190.1 |
| Molecular Weight | The protein has a predicted MW of 26.40 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis 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 0.22 µm filtered solution in PBS (pH 7.4). |
| 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 | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Death Receptor 3 (DR3), also known as TNFRSF25, TRAMP, LARD, or WSL-1, is a death-domain-containing TNF-family receptor that, like its closest paralog TNFR1, binds the adaptor molecule TRADD through its cytoplasmic death domain. TRADD recruitment endows DR3 with dual-signaling capability to activate NF-κB and MAP-kinase signaling or alternatively trigger caspase activation and programmed cell death. | |

Assay Data

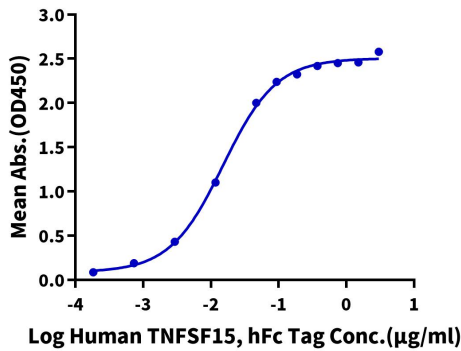
Bis-Tris PAGE



Biotinylated Human DR3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human DR3, His-Avi Tag ELISA
0.1µg Biotinylated Human DR3, His-Avi Tag Per Well



Immobilized Biotinylated Human DR3, His-Avi Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human TNFSF15, hFc Tag with the EC50 of 15.2ng/ml determined by ELISA (QC Test).