Recombinant Human TNFRSF25/DR3 Protein (aa 25-201, Fc Tag)

Catalog No. PKSH032345

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Tumor necrosis factor receptor superfamily member 25, APO3, DDR3, DR3, TNFRSF12, WSL, WSL1, TNFRSF25, Protein WSL-1, LARD, Protein WSL, Lymphocyte-associated receptor of death, Death receptor 3, Apoptosis-mediating receptor TRAMP, Apoptosis-inducing receptor AIR, Apoptosis-mediating receptor DR3, Apo-3
Species	Human
Expression Host	HEK293 Cells
Sequence	Gln25-Phe201
Accession	Q93038
Calculated Molecular Weight	46.3 kDa
Observed molecular weight	50-55 kDa
Tag	C-Fc
Bioactivity	Testing in progress

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Tumor necrosis factor receptor superfamily member 25 (TNFRSF25) contains 1 death domain and 4 TNFR-Cys repeats. TNFRSF25 is a cell surface receptor of the tumor necrosis factor receptor superfamily which mediates apoptotic signalling and differentiation, activated by a monogamous ligand, known as TL1A (TNFSF15), which is rapidly upregulated in antigen presenting cells and some endothelial cells following Toll-Like Receptor or Fc receptor activation. This receptor has been shown to signal both through the TRADD adaptor molecule to stimulate NF-kappa B activity or through the FADD adaptor molecule to stimulate caspase activation and regulate cell apoptosis. It may play a role in regulating lymphocyte homeostasis.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com