

Recombinant Human CD27/TNFRSF7 Protein (Fc & His Tag)



Catalog Number:PKSH032210

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

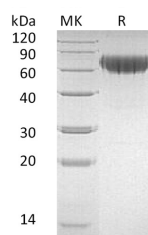
Description

Synonyms	S152;S152.LPFS2;S152.LPFS2;T14;TNFRSF7;Tp55
Species	Human
Expression Host	HEK293 Cells
Sequence	Thr 21-Ile192
Accession	P26842
Calculated Molecular Weight	47.2 kDa
Observed molecular weight	60 kDa
Tag	C-Fc-His

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°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C 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 20mM Tris-HCl, 150mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

CD27 antigen is also known as CD27L receptor; T-cell activation antigen CD27; Tumor necrosis factor receptor superfamily member 7; T14 and TNFRSF7. In humans; it is encoded by the CD27 gene. CD27 is a single-pass type I membrane protein with 3 TNFR-Cys repeats. It is a member of the TNF-receptor superfamily and is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70; and plays a key role in regulating B-cell activation and immunoglobulin synthesis. It plays a role in survival of activated T-cells and apoptosis through association with SIVA1.

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