

Recombinant Human TNFRSF1B/CD120b Protein (aa 288-461, His Tag)



Catalog Number:PKSH033161

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

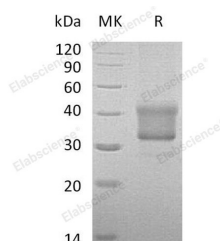
Description

Synonyms	Tumor necrosis factor receptor superfamily member 1B;Tumor necrosis factor receptor 2;TNF-R2;Tumor necrosis factor receptor type II;TNF-RII;TNFR-II;p75;p80 TNF-alpha receptor
Species	Human
Expression Host	HEK293 Cells
Sequence	Lys288-Ser461
Accession	P20333
Calculated Molecular Weight	19.0 kDa
Observed molecular weight	33-41 kDa
Tag	C-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 PBS, pH 7.4. 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.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Tumor necrosis factor receptor superfamily member 1B(TNFRSF1B) is expressed by the gene TNFRSF1B. The soluble form is produced from the membrane form by proteolytic processing. It can bind to TRAF2; and interacts with BMX. It can act as the receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha.

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