Mouse DR6/TNFRSF21 Protein

Cat. No. DR6-MM101

Description

Source	Recombinant Mouse DR6/TNFRSF21 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gln42-His349.
Accession	Q9EPU5
Molecular Weight	The protein has a predicted MW of 34.4 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

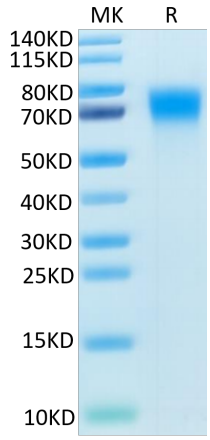
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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.

Background

beta-amyloid precursor protein (APP) and death receptor 6 (DR6, also known as TNFRSF21) activate a widespread caspase-dependent self-destruction program. DR6 is broadly expressed by developing neurons, and is required for normal cell body death and axonal pruning both in vivo and after trophic-factor deprivation in vitro.DR6 is activated locally by an inactive surface ligand(s) that is released in an active form after trophic-factor deprivation.

Assay Data

Bis-Tris PAGE



Mouse DR6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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