

Datasheet for ABIN7275522

TNFRSF11A Protein (AA 31-214) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF11A
Protein Characteristics:	AA 31-214
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF11A protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse TNFRSF11A/Rank Protein
Sequence:	Val31-Ser214
Characteristics:	Recombinant Mouse TNFRSF11A/Rank Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Val31-Ser214.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TNFRSF11A
Alternative Name:	TNFRSF11A (TNFRSF11A Products)

Target Details

Background:	TNFRSF11A, also known as receptor activator of NF-κB (RANK), activates several signaling pathways, such as NF-κB, JNK, ERK, p38α, and Akt/PKB. RANK/TNFRSF11A is a novel and frequent target for de novo methylation in gliomas, which affects apoptotic activity and focus formation thereby contributing to the molecular pathogenesis of gliomas.
Molecular Weight:	47.0 kDa. Due to glycosylation, the protein migrates to 57-67 kDa based on Tris-Bis PAGE result.
UniProt:	O35305
Pathways:	NF-kappaB Signaling

Application Details

Restrictions:	For Research Use only
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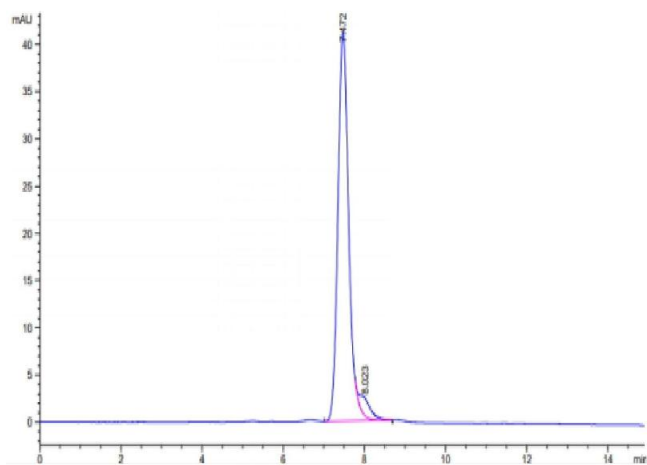
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse TNFRSF11A on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse TNFRSF11A is greater than 95 % as determined by SEC-HPLC.