

Mouse IGSF11 Protein

Cat. No. ISF-MM111

Description

Source	Recombinant Mouse IGSF11 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu23-Val240.
Accession	POC673
Molecular Weight	The protein has a predicted MW of 24.22 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

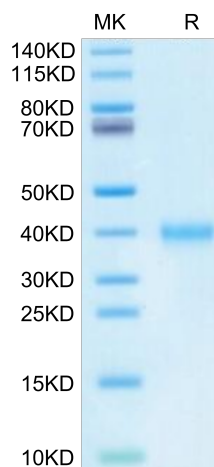
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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.

Background

Immunoglobulin superfamily member 11 (IGSF11), a homophilic adhesion molecule that preferentially expressed in the brain, is a dual-binding partner of the postsynaptic scaffolding protein PSD-95 and AMPA glutamate receptors (AMPA receptors).

Assay Data

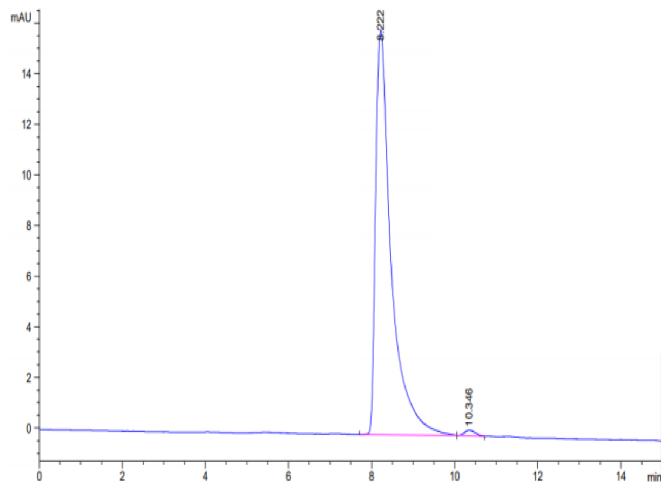
Tris-Bis PAGE



Mouse IGSF11 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Mouse IGSF11 is greater than 95% as determined by SEC-HPLC.