

Human LRRC52 Protein

Cat. No. LRR-HM152

Description

Source	Recombinant Human LRRC52 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser24-Asp244.
Accession	Q8N7C0
Molecular Weight	The protein has a predicted MW of 26.2 kDa. Due to glycosylation, the protein migrates to 35-48 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

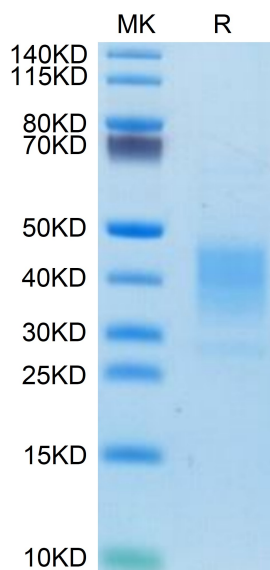
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

LRRC52 (leucine-rich repeat-containing 52), that shifts Slo3 gating into a range of voltages and pH values similar to that producing K_{Sper} current activation. Message for LRRC52, a homolog of the Slo1-modifying LRRC26 protein, is enriched in testis relative to other homologous LRRC subunits and is developmentally regulated in concert with that for Slo3. LRRC52 and LRRC26 define a new family of auxiliary subunits capable of critically modifying the gating behavior of Slo family channels.

Assay Data

Bis-Tris PAGE



Human LRRC52 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.