

Human LRRN1 Protein

Cat. No. LRN-HE001

Description

Source	Recombinant Human LRRN1 Protein is expressed from E.coli with His tag and Sumo tag at the N-Terminus. It contains Ser26-Ala631.
Accession	Q6UXK5
Molecular Weight	The protein has a predicted MW of 81.40 kDa same as 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

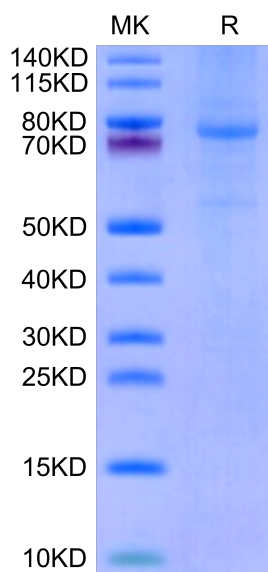
Formulation	Supplied as 0.22µm filtered solution in PBS, 0.3% SKL (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Lrrn1 is required for the formation of MHB--loss of function leads to a loss of the morphological constriction and loss of Fgf8. Cells overexpressing Lrrn1 violate the boundary and result in a loss of cell restriction between midbrain and hindbrain compartments. Lrrn1 also regulates the glycosyltransferase Lunatic Fringe, a modulator of Notch signalling, maintaining its expression in midbrain cells which is instrumental in MHB boundary formation.

Assay Data

Bis-Tris PAGE



Human LRRN1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.