

Recombinant Human LRRC3B Protein (His Tag)

Catalog Number: PKSH032692

Note: Centrifuge before opening to ensure complete recovery of vial contents.

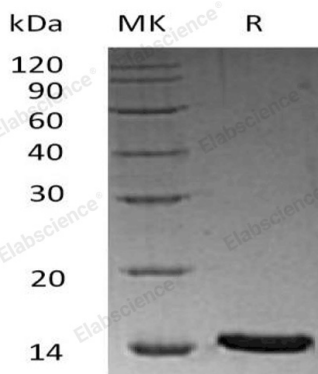
Description

Species	Human
Source	HEK293 Cells-derived Human LRRC3B protein Cys34-Tyr204, with an C-terminal His
Calculated MW	20.0 kDa
Observed MW	52 kDa
Accession	Q96PB8
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Leucine-Rich Repeat-Containing Protein 3B (LRRC3B) belongs to the LRRC3 family. LRRC3B is single-pass membrane protein and contains three leucine-rich repeats, one LRRCT domain, and one LRRNT domain. LRR-containing proteins, of which there are greater than 2,000, participate in many important processes, including plant and animal immunity, hormone-receptor interactions, cell adhesion, signal transduction, regulation of gene expression, and apoptosis. A number of microarray expression profiling studies on human cancers have shown that LRRC3B is down-regulated in gastric, breast, colon, testis, prostate and brain cancers, suggesting LRRC3B involvement in carcinogenesis

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