

Recombinant human LRRC59 protein

Catalog Number: ATGP2349

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-244aa

UniProt No.

Q96AG4

NCBI Accession No.

NP_060979

Alternative Names

Leucine-rich repeat-containing protein 59, Leucine rich repeat containing 59, p34, PRO1855

PRODUCT SPECIFICATION

Molecular Weight

30.3 kDa (267aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

LRRC59 is required for nuclear import of FGF1, but not that of FGF2. This protein might regulate nuclear import of exogenous FGF1 by facilitating interaction with the nuclear import machinery and by transporting cytosolic FGF1 to, and possibly through, the nuclear pores. Recombinant human LRRC59 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMTKAGSK GGNLRDKLDG NELDLSLSDL NEVPVKELAA LPKATILDLS CNKLTTLPSD

Recombinant human LRRC59 protein

Catalog Number: ATGP2349

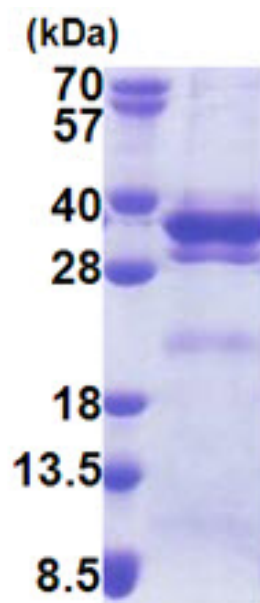
FCGLTHLVKL DLSKNKLQQL PADFGRLVNL QHLDLLNKL VTLPVSFAQL KNLKWLDLKD NPLDPVLAKV AGDCLDEKQC
KQCANKVLQH MKAVQADQER ERQRRLEVER EAEKKREAKQ RAKEAQEREL RKREKAEKE RRRKEYDALK AAKREQEKKP
KKEANQAPKS KSGSRPRKPP PRKHTRS

General References

Zhen Y., et al. (2012), Traffic 13:650-664

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)