

LRRC59, 1-244aa, Human, His tag, E.coli

Cat.NO.: TP02846

3th Edition

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

Description:LRRC59 is required for nuclear import of FGF1, but not that of FGF2. This proein 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.

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

Molecular Weight:30.3 kDa (267aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKAGSKGGNLRDKLDGNELDLSLSDLNEVPVKELAALPKATILDLSKNKLT
TLPSDFCGLTHLVKLDLSKNKLQQLPADFGRLVNLQHLDLLNNKLVTLPVSFAQLKNLKWLDLKDNLDPVLAKVAG
DCLDEKQCKQCANKVLQHMKAQADQERERQRRLVEREAEEKKREAKQRAKEAQERELRKREKAEKERRRKE
YDALKAAKREQEKKPKKEANQAPKSKSGSRPRKPPPRKHTRS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.