

## 32-4126: Recombinant Human Leucine Rich Repeat Containing 59

**Alternative Name :** Leucine Rich Repeat Containing 59, Ribosome-Binding Protein P34, p34, Leucine-Rich Repeat-Containing Protein 59.

### Description

Source : Escherichia Coli. LRRC59 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (1-244) and having a molecular mass of 30.3kDa. LRRC59 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LRRC59 controls nuclear import of exogenous FGF1 by enabling interaction with the nuclear import mechanism and by transporting cytosolic FGF1 to and through the nuclear pores. LRRC59 is essential for nuclear import of FGF1, but not that of FGF2.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The LRRC59 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT, 2mM EDTA and 50% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMTKAGSK GGNLRDKLDG NELDLSLSDL NEVPVKELAA  
LPKATILDLS CNKLTTLPD FCGLTHLVKL DLSKNKLOQL PADFGRLVNL QHLDLLNNKL VTLPVSFAQL  
KNLKWLDLKD NPLDPVLAKV AGDCLDEKQC KQCANKVLQH MKAVQADQER ERQRRLEVER  
EAEKKREAKQ RAKEAQEREL RKREKAEKE RRRKEYDALK AAKREQEKKP KKEANQAPKS KSGSRPRKPP  
PRKHTRS

