
Product Data Sheet

Product Name: LRRC59 Human
 Cat. No.: GP23835
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Leucine Rich Repeat Containing 59; Ribosome-Binding Protein P34; p34; Leucine-Rich Repeat-Containing Protein 59.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTKAGSK GGNLKDKLDG NELDLSLSDL NEVPVKELAA LPKATILDLS CNKLTTLPSD FCGLTHLVKL DLSKNKLQQL PADFGRLVNL QHLDLLNNKL VTLPVSAFAQL KNLKWLKLDK NPLDPVLAKV AGDCLDEKQC KQCANKVLQH MKAVQADQER ERQRRLEVER EAEKKREAKQ RAKEAQEREL RKREKAEKE RRRKEYDALK AAKREQEKKP KKEANQAPKS KSGSRPRKPP PRKHTRS		
Formulation	The LRRC59 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT, 2mM EDTA and 50% glycerol.		

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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