

MIEN1, 1-112aa, Human, His tag, E.coli

Cat.NO.: TP02972

3th Edition

Synonyms:Migration and invasion enhancer 1, C17orf37, C35, ORB3, RDX12, XTP4

Description:MIEN1 belongs to the SelWTH family. This protein Increases cell migration by inducing filopodia formation at the leading edge of migrating cells and plays a role in regulation of apoptosis, possibly through control of CASP3. It also may be involved in a redox-related process. Recombinant human MIEN1 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 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:14.5kDa (135aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMGEPGQTSVAPPPEEVEPGSGVRIVVEYCEPCGFEEATYLELASAVKEQYP
GIEIESRLGGTGAFFEIEINGQLVFSKLENGGFYKDLIEAIRRASNGETLEKITNSRPPC

Purity:> 95% by HPLC

Concentration:0.5 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.