

MIEN1 recombinant protein

MIEN1, 1-112aa, Human, His tag, E Coli

CATALOG # AAA48831	HOST E Coli	APPLICATIONS SDS-Page
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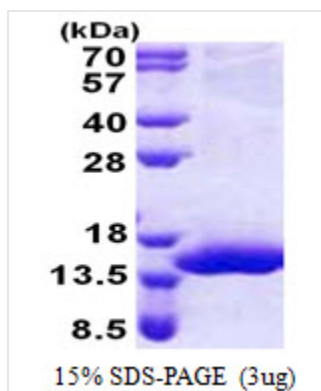
PRODUCT SYNONYMS

MIEN1; 1-112aa; Human; His tag; E Coli; Migration and invasion enhancer 1; C17orf37; C35; ORB3; RDX12; XTP4; MIEN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEPGQ TSVAPPPEEV EPGSGVRIVV EYCEPCGFEA TYLELASAVK EQYPGIEIES RLGGTGAFEI EINGQLVFSK LENGGFPEYK DLIEAIRRAS NGETLEKITN SRPPC
Sequence Length	112
Applicable Applications for MIEN1 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-112aa
Preparation and Storage	Can be stored at 2°C to 8°C for short term (1 week). For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for MIEN1 recombinant protein	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.
Product Categories/Family for MIEN1 recombinant protein	Cancer
References	Dasgupta,S., et al. (2011) J. Biol. Chem. 286 (29), 25935-25946; Katz,E., et al. (2011) Anal Cell Pathol (Amst) 34 (1-2), 35-48

NCBI AND UNIPROT INFORMATION

NCBI GI #	42822891
NCBI GeneID	84299
NCBI Accession #	NP_115715
NCBI GenBank Nucleotide #	NM_032339.4
UniProt Accession #	Q9BRT3
Molecular Weight	14.5kDa (135aa), confirmed by MALDI-TOF
NCBI Official Full Name	migration and invasion enhancer 1 isoform 1
NCBI Official Synonym Full Names	migration and invasion enhancer 1
NCBI Official Symbol	MIEN1
NCBI Official Synonym Symbols	C35; ORB3; XTP4; RDX12; C17orf37
NCBI Protein Information	migration and invasion enhancer 1
UniProt Protein Name	Migration and invasion enhancer 1
UniProt Gene Name	MIEN1
UniProt Synonym Gene Names	C17orf37; RDX12; XTP4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mien1-recombinant-protein-e-coli-sds-page/48831>