

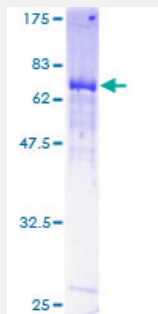
Full-Length

MYLIP (Human) Recombinant Protein (P01)

Catalog # H00029116-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MYLIP full-length ORF (AAH02860, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLCYVTRPDAVLMEVEVEAKANGEDCLNQVCRRLGIIIEVDYFGLQFTGSKGESLWLNLRNRISQQ
MDGLAPYRLKLRVKFFVEPHILQEQTTRHIFLHIKEALLAGHLLCSPEQAVELSALLAQTKFGDYN
QNTAKYNYEELCAKELSSATLNSMAKHKELEGTSQASAEYQVLQVSAMENYGIEWHSVRDSEG
QKLLIGVGPEGISICKDDFSPINRIAYPVVQMATQSGKNVYLTVTKESGNSVLLFKMISTRAASGLYR
AITETHAFYRCDTVTSVMMQYSRDLKGHLASLFLNENINLGKKYVFDIKRTSKEVYDHARRALYNA
GVVDLVSRRNQSPSHSPLKSSSESSMNCSSCEGLSCQQTRVLQEKLRLKEAMLCMVCCEEEIN
STFCPCGHTVCCESCAAQLQSCPVCRSRVEHVQHVVLPHTHTSLLNLTVI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.69

Interspecies Antigen Sequence

Mouse (96); Rat (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MYLIP

Entrez GeneID	29116
GeneBank Accession#	BC002860
Protein Accession#	AAH02860
Gene Name	MYLIP
Gene Alias	MIR
Gene Description	myosin regulatory light chain interacting protein
Omim ID	610082
Gene Ontology	Hyperlink
Gene Summary	The ERM protein family members ezrin, radixin, and moesin are cytoskeletal effector proteins linking actin to membrane-bound proteins at the cell surface. Myosin regulatory light chain interacting protein (MYLIP) is a novel ERM-like protein that interacts with myosin regulatory light chain and inhibits neurite outgrowth. [provided by RefSeq]
Other Designations	OTTHUMP00000018026 band 4.1 superfamily member BZF1 cellular modulator of immune recognition (c-MIR)

Disease

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)