

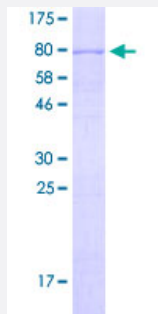
Full-Length

MAEL (Human) Recombinant Protein (P01)

Catalog # H00084944-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAEL full-length ORF (NP_116247.1, 1 a.a. - 434 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MPNRKASRNAYFFVQEKIPELRRRGLPVARVADAIPYCSSDWALLREEEKEKYAEMAREWRAA
QKDPGPSEKQKPVFTPLRRPGMLVPKQNVSPDMSALSLKGDQALLGGIFYFLNIFSHGELPP
HCEQRFLPCEIGCVKYSLQEGIMADFHSFINPGEIPRGFRFHCQAASDSSHKIPISNFERGHNQATV
LQNLRYFIHPNPGNWPPYCKSDDRTVRVNWCLKHKMAKASEIRQDLQLLTVEDLVVGIYQQKFLKEP
SKTWIRSLLDVAMWDYSSNTRCKWHEENDILFCALAVCKKIAYCISNSLATLFGIQLTEAHVPLQDY
EASNSVTPKMVVLDAGRYQKLRVGSSGFSHFNSSNEEQRSNTPIGDYPSRAKISGQNSSVRGRGI
TRLLESISNSSSNIHKFSNCDTSLSPYMSQKDGYSFSSLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.6

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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 — MAEL

Entrez GeneID	84944
GeneBank Accession#	NM_032858.1
Protein Accession#	NP_116247.1
Gene Name	MAEL
Gene Alias	FLJ14904, RP11-102C16.1
Gene Description	maelstrom homolog (Drosophila)
Omim ID	611368
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000032343 maelstrom homolog

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Osteoporosis](#)
- [Tobacco Use Disorder](#)