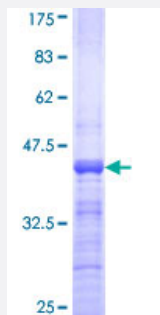


MAFA (Human) Recombinant Protein (Q01)

Catalog # H00389692-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAFA partial ORF (NP_963883, 222 a.a. - 308 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LEERFSDDDLVSMSVRELNRQLRGFSKEEVIRLKQKRRTLKNRGYAQSCRFKRVQQRHILESEKC QLQSQVEQLKLEVGR LAKERDL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.31
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — MAFA

Entrez GeneID [389692](#)

GeneBank Accession# [NM_201589](#)

Protein Accession# [NP_963883](#)

Gene Name MAFA

Gene Alias RIPE3b1, hMafA

Gene Description v-maf musculoaponeurotic fibrosarcoma oncogene homolog A (avian)

Omim ID [610303](#)

Gene Ontology [Hyperlink](#)

Gene Summary MAFA is a transcription factor that binds RIPE3b, a conserved enhancer element that regulates pancreatic beta cell-specific expression of the insulin gene (INS; MIM 176730) (Olbrot et al., 2002 [PubMed 12011435]).[supplied by OMIM]

Other Designations v-maf musculoaponeurotic fibrosarcoma oncogene homolog A

Pathway

- [Maturity onset diabetes of the young](#)
- [Type II diabetes mellitus](#)