

Proteoliposomes

Full-Length

MAS1 (Human) Recombinant Protein

Catalog # H00004142-G01

Size 10 ug

Specification

Product Description

Human MAS1 full-length ORF (NP_002368.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MDGSNVTSTFVVEPTNISTGRNASVGNHRQIPVHWVIMSISPVGFVENGILLWFLCFMRMRNPFT
VYTHLSIADISLLFCIFILSIDYALDYELSSGHYYTVTLSTVTLFGYNTGLYLLTAISVERCLSVLYPIWY
RCHRPKYQSALVCALLWALSCLVTTMEYVMCIDREEESHNRNDCRAVIIFAILSFLVFTPLMLVSS
TILVVKIRKNTWASHSSKLYIVIMVTIIIFLIFAMPRLLYLLYYEYWSTFGNLHHISLLFSTINSSANPFY
FFVGSSKKKRFKESLKVVLTAFKDEMQRPRQKDCNCTVTVETVV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

37.5

Interspecies Antigen Sequence

Mouse (90); Rat (91)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — MAS1

Entrez GeneID [4142](#)

GeneBank Accession# [NM_002377.2](#)

Protein Accession# [NP_002368.1](#)

Gene Name MAS1

Gene Alias MAS, MGC119966

Gene Description MAS1 oncogene

Omim ID [165180](#)

Gene Ontology [Hyperlink](#)

Gene Summary The structure of the MAS1 product indicates that it belongs to the class of receptors that are coupled to GTP-binding proteins and share a conserved structural motif, which is described as a '7-transmembrane segment' following the prediction that these hydrophobic segments form membrane-spanning alpha-helices. The MAS1 protein may be a receptor that, when activated, modulates a critical component in a growth-regulating pathway to bring about oncogenic effects. [provided by RefSeq]

Other Designations OTTHUMP00000017535

Publication Reference

- [Dual-ligand supramolecular nanofibers inspired by the renin-angiotensin system for the targeting and synergistic therapy of myocardial infarction.](#)

Zhanpeng Wen, Jie Zhan, Hekai Li, Guanghui Xu, Shaodan Ma, Jianwu Zhang, Zehua Li, Caiwen Ou, Zhimou Yang, Yanbin Cai, Minsheng Chen.

Theranostics 2021 Jan; 11(8):3725.

Application: Func, Compounds, Sensor chip

Pathway

- [Neuroactive ligand-receptor interaction](#)
- [Renin-angiotensin system](#)

Disease

- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)