

Product Datasheet

Human MASP1 protein (orb358105)

Description

Recombinant human MASP1 protein

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Tag

N-terminal 6xHis-SUMO-tagged

Note

For research use only

Application notes

Full length of His-SUMO-tag and expression region is 20-699aa

Protein Sequence

HTVELNNMFGQIQSPGYPSDSEVTWNITVPDGFRIKLYFMHFNLESSYLCE
YDYVKVETEDQVLATFCGRETTEQTPGQEVVLSPGSFMSITFRSDFSNEERFT
GFDAYMAVDVDECKEREDEELSCDHYCHNYIGGYCSCRFYILHTDNRTCRV
ECSDNLTQRTGVITSPDFPNYPKSSSECLYTIELEEGFMVNLQFEDIFDIEDHPEV
PCPYDIKIKVGPVKVLGPFCEKAPPEISTQSHSVLILFHSDNSGENRGWRLSYRA
AGNECPELQPPVHGKIEPSQAKYFFKDQVLVSCDTGYKVLKDNVEMDTFQIECLK
DGTWSNKIPTCKIVDCRAPGELEHGLITFSTRNNLTTYKSEIKYSCQEPYKMLNN
NTGIYCSAQGVWMNKVLGRSLPTCLPVCGLPKFSRKL MARIFNGRPAQKGTP
WIAMLSHLNGQPCGGSLLGSSWIVTAAHCLHQSLDPEDPTLRDSDLLSPSDFKI
ILGKHWRRLSDENEQHLGVKHTTLHPQYDPNTFENDVALVELLESPVLNAFVMP
CLPEGPPQEGAMVIVSGWGKQFLQRFETLMEIPIVDHSTCQKAYAPLKKKVT
RDMICAGEKEGGKDACAGDSGGPMVTLNRERGQWYLVGTVSWGDDCGKKDR
YGVYSYIHHNKDWIQRVTGVRN

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

93 kDa

Uniprot ID

P48740

Expiration Date

6 months from date of receipt.