

Recombinant Human MSLN Protein (Glu 296 - Gly 580), His-tagged, PE-Labeled

Cat. No. MSLN-318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Human MSLN Protein, His-tagged, PE-Labeled is produced via conjugation of PE to Human Mesothelin (296-580) under optimal conditions. Human Mesothelin (296-580) is expressed in HEK293 cells containing AA Glu 296 - Gly 580 (Accession # AAH09272). Predicted N-terminus: Glu 296. This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 33.0 kDa. Conjugate (PE): Excitation source: 488 nm spectral line, argon-ion laser; Excitation Wavelength: 488 nm; Emission Wavelength: 575 nm.

Species

Human

Source

HEK293

ProteinLength

Glu 296 - Gly 580

Form

Lyophilized from 0.22 µm filtered solution in 10 mM Tris, 150 mM NaCl, 0.1% BSA, pH8.2. Normally trehalose is added as protectant before lyophilization.

Molecular Mass

33.0 kDa

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Notes

Please avoid repeated freeze-thaw cycles.

Stability

No activity loss is observed after storage at:

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4-8 centigrade for 12 months in lyophilized state;
-70 centigrade for 3 months under sterile conditions after reconstitution.

Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name MSLN mesothelin [Homo sapiens]

Official Symbol MSLN

Synonyms MSLN; mesothelin; CAK1; MPF; CAK1 antigen; megakaryocyte potentiating factor; SMRP;

Gene ID 10232

mRNA Refseq NM_001177355

Protein Refseq NP_001170826

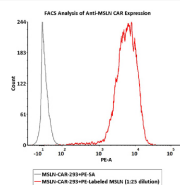
MIM 601051

UniProt ID Q13421

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