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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MSLN (Human) Recombinant Protein (P01)

Catalog Number: H00010232-P01

Regulation Status: For research use only (RUO)

Product Description: Human MSLN full-length ORF (AAH03512.1, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MALPTARPLLGSCGTPALGSLLFLLFSLGWVQPSRTLA
GETGQAAPLDGVLANPPNISSLSPRQLLGFPCAEVSG
LSTERVRELAVALAQKNVKLSTEQLRCLAHRLSEPPED
LDALPLDLLLFLNPDAFSGPQACTRFFSRITKANVDLLP
RGAPERQRLLPAALACWGVRGSLLSEADVRALGGLA
CDLPGRFVAESAEVLLPRLVSCPGPLDQDQQEAARAA
LQGGGPPYGPPSTWSVSTMDALRGLLPVLGQPIIRSIP
QGIVAAWRQRSSRDPSWRQPERTILRPRFRREVEKTA
CPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRV
NAIPFTYEQLDVLKHKLDELYPQGYPESVIQHLGYLFLK
MSPEDIRKWNVTSLETLKALLEVNKGHEMSPQVATLID
RFVKGRGQLDKDTLDTLTAFYPGYLCSLSPEELSSVPP
SSIWAVRPQDLDTCDPRQLDVLYPKARLAFQNMNGSE
YFVKIQSFLGGAPTEDLKALSQQNVSMDLATFMKLRT
DAVLPLTVAEVQKLLGPHVEGLKAEERHRPVRDWILR
QRQDDLDTLGLGLQGGIPNGYLVLDLSVQEALSGTPC
LLGPGPVLTVLALLLASTLA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 94.3

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 10232

Gene Symbol: MSLN

Gene Alias: CAK1, MPF, SMR

Gene Summary: An antibody that reacts with ovarian cancers and mesotheliomas was used to isolate a cell surface antigen named mesothelin. Although the function of mesothelin is unknown, it may play a role in cellular adhesion and is present on mesothelium, mesotheliomas, and ovarian cancers. This gene encodes a preproprotein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

References:
1. Mesothelin Enhances Invasion of Ovarian Cancer by Inducing MMP-7 through MAPK/ERK and JNK Pathways. Chang MC, Chen CA, Chen PJ, Chiang YC, Chen YL, Mao TL, Lin HW, Lin Chiang WH, Cheng WF. Biochem J. 2011 Oct 14.