

Product Datasheet

Recombinant Human MCAM/CD146 Protein H00004162-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00004162-P01-2ug**Recombinant Human MCAM/CD146 Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0.
Target Molecular Weight	96.8 kDa

Product Description	
Description	<p>Recombinant protein with GST-tag at N-terminal corresponding to the amino acids 1 - 646 of Human MCAM full-length ORF</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MGLPRLVCAFLLAACCCCPRVAGVPGEAEQPAPELVEVEVGSTALLKCGLSQS QGNLSHVDWFSVHKEKRTLIFRVRQQGQGEYEQRLSLQDRGATLALTQ VTPQDERIFLCQGKRPRSQEYRIQLRVYKAPEEPNIQVNPLGIPVNSKEPEEVA TCVGRNGYPIPQVIWYKNGRPLKEEKNRVHIQSSQTVESSGLYTLQSILKAQLV KEDKDAQFYCELNYRLPSGNHMKESREVTVPVFYPTTEKVVLEVEPVGMLKEG DRVEIRCLADGNPPPHFSISKQNPSTREAEETTNDNGVLVLEPARKEHSGRY ECQGLDLDTMISLLSEPQELLVNYVSDVRVSPAAPERQEGSSLTLTCEAESSQ DLEFQWLREETGQVLERGPVLQLHDLKREAGGGYRCVASVPSIPGLNRTQLV NVAIFGPPWMAFKERKVWVKENMVLNLSCEASGHPRTISWNVNGTASEQDQ DPQRLSTLNLVLTPELLETGVECTASNDLGKNTSILFELVNLTLTPDSNTTT GLSTSTASPHTRANSTSTERKLPEPESRGVVIVAVIVCILVLAVLGAVLYFLYKK GKLPCRRSGKQEITLPPSRKSELVVEVKSDKLPEEMGLLQGSSGDKRAPGDQ GEKYIDLRH</p>
Gene ID	4162
Gene Symbol	MCAM
Species	Human
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



Publications

Simon GC, Martin RJ, Smith S et al. Up-regulation of MUC18 in Airway Epithelial Cells by IL-13: Implications in Bacterial Adherence. Am J Respir Cell Mol Biol. 2011-01-14 [PMID: 21239604]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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