



Recombinant human Transmembrane glycoprotein NMB

Product Code	CSB-EP0620444h-B
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.
Uniprot No.	Q14956
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	HDVLGNERPSAYMREHNQLNGWSSDENDWNEKLYPVWKRGD MRWKNSWK GGRVQAVLTSDSPALVGSNITFAVNLI FPRCQKEDANGNIVYEKNCRNEAGLS ADPYVYNWTAWSESDGENG TGQSHHN VFPDGKPFPHHPGWRRWNFIYVF HTLGQYFQKLGRC SVRVS VNTANVTLGPQLMEVTVYRRHGRAYVPIAQVKDV YVVTDQIPVFVTMFQKNDRNSSDETFLKDL PIMFDVLIHDP SHFLNYSTINYKW SFGDNTGLFVSTNHTVNHTYVLNGT FSLNLT VKAAAPGPCPPPPPPRPSKPT PSLATTLSYDSNTPGPAGDNPLELS RIPDENCQINRYGHFQATITIVEGILEVNI IQMTDVLMPVPWPPESSLIDFVVTCQGS IPTEVCTIISDPTCEITQNTVCSPVDVD EMCLLTVRRTFNGSGTYCVNLT LGDDTSLALTSTLISVP
Research Area	Immunology
Source	E.coli
Target Names	GPNMB
Expression Region	26-486aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a type I transmembrane glycoprotein which shows homology to the pMEL17 precursor, a melanocyte-specific protein. GPNMB shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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