

Product Data Sheet

Recombinant Human GPNMB Protein

Catalog #	Source	Reactivity	Applications
CST2024	E. coli	H	
Description	Recombinant Human GPNMB Protein is produced by E. coli expression system and the target gene encoding Asn31-Gln370 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GPNMB		
Alternative Names	HGFIN; NMB; Transmembrane glycoprotein NMB; Transmembrane glycoprotein HGFIN		
Entrez Gene	10457		
SwissProt	Q14956		
Purity			
Chemical Structure	NERPSAYMRE HNQLNGWSSD ENDWNEKLYP VWKRGDMRWK NSWKGGRVQA VLTSDSPALV GSNITFAVNL IFPRCQKEDA NGNIVYEKNC RNEAGLSADP YVYNWTAWSE DSDGENGTGQ SHHNVFPDGK PFPHPGWRR WNFIYVFHTL GQYFQKLGRG SVRVSVNTAN VTLGPQLMEV TVYRRHGRAY VPFAQVKDVY VVTDQIPVFV TMFQKNDNRNS SDETFLKDLP IM		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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