Recombinant Mouse ITGAX Protein (20-1116 aa), His-MBP-tagged

Cat. No. ITGAX-2812M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ITGAX Protein (20-1116 aa) is produced by Baculovirus expression system. This protein is fused with a MBP tag at the N-terminal and a 6xHis tag at the C-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Mouse
Source	Insect Cells
ProteinLength	20-1116 aa
Description	Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.
Form	Tris-based buffer,50% glycerol
Molecular Mass	165.4 kDa
AA Sequence	FNLDAEKLTHFHMDGAEFGHSVLQYDSSWVVVGAPKEIKATNQIGGLYKCGYHTGN CEPISLQVPPEAVNISLGLSLAAATNPSWLLACGPTVHHTCRENIYLTGLCFLLSSSFK QSQNFPTAQQECPKQDQDIVFLIDGSGSISSTDFEKMLDFVKAVMSQLQRPSTRFSL MQFSDYFRVHFTFNNFISTSSPLSLLGSVRQLRGYTYTASAIKHVITELFTTQSGARQ DATKVLIVITDGRKQGDNLSYDSVIPMAEAASIIRYAIGVGKAFYNEHSKQELKAIASM PSHEYVFSVENFDALKDIENQLKEKIFAIEGTETPSSSTFELEMSQEGFSAVFTPDGP

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	VLGAVGSFSWSGGAFLYPSNMRPTFINMSQENEDMRDAYLGYSTALAFWKGVHSLI LGAPRHQHTGKVVIFTQESRHWRPKSEVRGTQIGSYFGASLCSVDMDRDGSTDLVL IGVPHYYEHTRGGQVSVCPMPGVGSRWHCGTTLHGEQGHPWGRFGAALTVLGDV NGDSLADVAIGAPGEEENRGAVYIFHGASRQDIAPSPSQRISASQIPSRIQYFGQSLS GGQDLTRDGLVDLAVGSKGRVLLLRTRPILRVSPTVHFTPAEISRSVFECQEQVAPE QTLSDATVCLHIHESPKTQLGDLRSTVTFDLALDHGRLSTRAIFKETKTRALTRVKTL GLNKHCESVKLLLPACVEDSVTPITLRLNFSLVGVPISSLQNLQPMLAVDDQTYFTAS LPFEKNCGADHICQDDLSVVFGFPDLKTLVVGSDLELNVDVTVSNDGEDSYGTTVTL FYPVGLSFRRVAEGQVFLRKKEDQQWQRRGQHSLHLMCDSTPDRSQGLWSTSCS SRHVIFRGGSQMTFLVTFDVSPKAELGDRLLLRARVGSENNVPGTPKTTFQLELPVK YAVYTMISSHDQFTKYLNFSTSEKEKTSVVEHRFQVNNLGQRDVPVSINFWVPIELK GEAVWTVMVSHPQNPLTQCYRNRLKPTQFDLLTHMQKSPVLDCSIADCLHLRCDIP SLGILDELYFILKGNLSFGWISQTLQKKVLLLSEAEITFNTSVYSQLPGQEAFLRAQTK TVLEMYKVHNPVP
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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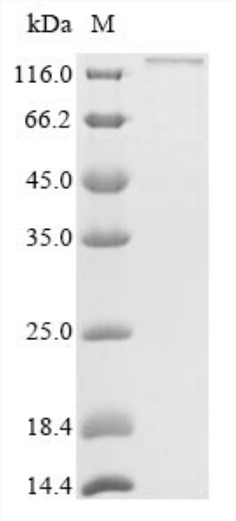
Gene Name	Itgax integrin alpha X [Mus musculus]
Official Symbol	ITGAX
Synonyms	ITGAX; integrin alpha X; integrin alpha-X; integrin aX; complement receptor 4; Cr4; N418; Cd11c; AI449405;
Gene ID	16411
mRNA Refseq	NM_021334
Protein Refseq	NP_067309
UniProt ID	Q9QXH4



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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