

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

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

SPECIFICATION

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| 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 | FNLDAEKLTHFHMDGAEFGHSV LQYDSSWVVVGAPKEIKATNQIGGLYKCGYHTGN CEPISLQVPPEAVNISLGLSLAAATNPSWLLACGPTVHHTCRENIYLTGLCFLSSSFK QSQNFPTAQQECPKQDQDIVFLIDGSGSISSTDFEKM LDFVKAVMSQLQRPSTRFSL MQFSDYFRVHFTFNNFISTSSPLSLLG SVRQLRGYTYTASAIKHVITELFTTQSGARQ DATKVLIVITDGRKQGDNLSYDSVIPMAEAA SIIRYAIGVGKAFYNEHSKQELKAIASM PSHEYVFSVENFDALKDIENQLKEKIFAIEGTETPSSSTFELEMSQEGFSAVFTPDGP |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VLGAVGSFSWSGGAFLYPSNMRPTFINMSQENEDMRDAYLGYSTALAFWKGVHSLI
 LGAPRHQHTGKVVIFTQESRHRWPKSEVRGTQIGSYFGASLCSVDMDRDGDSTDLVL
 IGVPHYEHTRGGQVSVCPMPGVGSRWHCGTTLHGEEQHPWGRFGAALTVLGDV
 NGDSLADVAIGAPGEEENRGAVYIFHGASRQDIAPSPSQRISASQIPSRIQYFGQSL
 GGQDLTRDGLVDLAVGSKGRVLLLRTRPILRVSPVHFTPAEISRSVFECQEQVAPE
 QTLSDATVCLHIHESPKTQLGDLRSTVTFDLALDHGRLSTRAIFKETKTRALTRVKTL
 GLNKHCEVSKLLLPACVEDSVTPITLRLNFSLVGVPISSLQNLQPMLAVDDQTYFTAS
 LPFEKNCGADHICQDDLSVVFDFPDLKTLVVGSDLELNVDVTVSNDGEDSYGTTVTL
 FYPVGLSFRRVAEGQVFLRKKEDQQWQRRGQHSLHLMCDSTPDRSQGLWSTSCS
 SRHVIFRGGSQMTFLVTFDVSPKAELGDRLLLRARVGENNVPKPTTFQLELPVK
 YAVYTMISSHDQFTKYLNFSTSEKEKTSVVEHRFQVNNLGQRDVPVSINFWVPIELK
 GEAVWTVMVSHPNPLTQCYRNLKPTQFDLLTHMQKSPVLDCSIADCLHLRCDIP
 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.

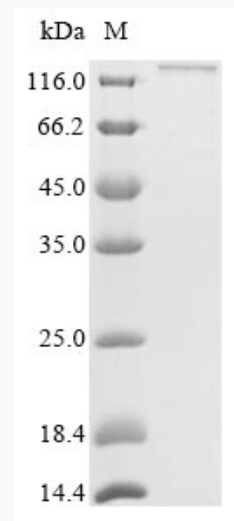
GENE INFORMATION

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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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