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32-13087: CD23 Human, Sf9

Alternative Name : Low affinity immunoglobulin epsilon Fc receptor isoform a, BLAST-2, CD23, CD23A, CLEC4J, FCE2, IGEBF, C-type lectin domain family 4 member J, Immunoglobulin E-binding factor, Lymphocyte IgE receptor.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
FCER2, or Fc epsilon RII, is a receptor for IgE with low affinity, which is critical to regulation of IgE levels. IgE is an antibody isotype that attached to allergy and resistance to parasites. FCER2 is a C-type lectin, contrary to many of the receptors for antibodies. FCER2 is located on activated macrophages, mature B cells, follicular dendritic cells, platelets and eosinophils.
CD23 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 283 amino acids (48-321a.a.) and having a molecular mass of 32.0kDa. CD23 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CD23 protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPDTTQSLK QLEERAARNV SQVSKNLESH HGDQMAQKSQ STQISQELEE LRAEQQRLKS QDLELSWNLN GLQADLSSFK SQELNERNEA SDLLERLREE VTKLRMELQV SSGFVCNTCP EKWINFQRKC YYFGKGTKQW VHARYACDDM EGQLVSIHSP EEQDFLTKHA SHTGSWIGLRNLDLKGEFIW VDGSHVDYSN WAPGEPTSRS QGEDCVMMRG SGRWNDAFCD RKLGAWVCDR LATCTPPASE GSAESMGPDS RPDPDGRLPTPSAPLHSHHH HHH.