

32-13087: CD23 Human, Sf9

Alternative Name : Low affinity immunoglobulin epsilon Fc receptor isoform a, BLAST-2, CD23, CD23A, CLEC4J, FCE2, IGEF, 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.

CD23A 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. CD23A 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 LRAEQRLKS
QDLELSWNLN GLQADLSSFK SQELNERNEA SDLLERLREE VTKLRMELQV SSGFVCNTCP EKWINFQRKC
YYFGKGTKQW VHARYACDDM EGQLVSIHSP EEQDFLTkHA SHTGSWIGLRNLDLKGFIW
VDGSHVDYSN WAPGEPTSRS QGEDCVMMRG SGRWNDAFCD RKLGAWVCDR LATCTPPASE
GSAESMGPDs RPDPDGRlPTsAPLHSHHH HHH.