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32-13076: CD38 Human

Alternative Name :	P28907, ADP-Ribosyl Cyclase 1, 2-Phospho-Cyclic-ADP-Ribose Transferase, Cyclic ADP-Ribose Hydrolase, 2-Phospho-ADP-Ribosyl Cyclase, NAD(+) Nucleosidase, CD38 Antigen (P45), ADPRC 1, 2-Phospho-ADP-Ribosyl Cyclase/2-Phospho-Cyclic-ADP-Ribose Transferase, Ecto-Nicotinamide Adenine Dinucleotide Glycohydrolase , Cluster Of Differentiation 38, CADPr Hydrolase 1,CD38 Antigen, EC 2.4.99.20, EC 3.2.2.6, ADPRC1, T10.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
CD38 is a surface molecule which acts as a plasma membrane signaling receptor in leukocytes. Furthermore, CD38 functions as signaling channel which leads to to cellular activation and proliferation. CD38 also plays a role as an ectoenzyme with various functions as well as an inducer of Ca2+ mobilization from cytoplasmic stores. CD38 signals acts as a coreceptor on B cells and modulates B cell receptor.
CD38 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 269 amino acids (43-300 a.a.) and having a molecular mass of 31.2kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions).

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CD38 protein solution (1mg/ml) contains 50mM MES buffer (PH 5.0), 100mM NaCl 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 :	ADPEFVPRWR QQWSGPGTTK RFPETVLARC VKYTEIHPEM RHVDCQSVWD AFKGAFISKH PCNITEEDYQ PLMKLGTQTV PCNKILLWSR IKDLAHQFTQ VQRDMFTLED TLLGYLADDL TWCGEFNTSK INYQSCPDWR KDCSNNPVSV FWKTVSRRFA EAACDVVHVM LNGSRSKIFD KNSTFGSVEV HNLQPEKVQT LEAWVIHGGR EDSRDLCQDP TIKELESIIS KRNIQFSCKN IYRPDKFLQC VKNPEDSSCT SEIHHHHHH.