9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

37-1122: Human CD38 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity : Human
Alternative Name : ADPRC 1 Protein, ADPRC1 Protein, T10 Protein,

Description

Source : HEK293 Cells
The cluster of differentiation (CD) system is commonly used as cell markers in immunophynotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 32 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. Cluster of differentiation 38 (CD38), also known as ADP-ribosyl cyclase, is a glycoprotein found on the surface of many immune cells (white blood cells), including CD4+, CD8+, B and natural killer cells. It shares several characteristics with ADP-ribosyl cyclase 2 CD157. CD38 is a multifunctional ectoenzyme that catalyzes the synthesis and hydrolysis of cyclic ADP-ribose (cADPR) from NAD+ to ADP-ribose. It also functions in cell adhesion, signal transduction and calcium signaling. CD38 has been used as a prognostic marker in leukemia. It can also be used to identify plasma cells.

Product Info

Amount :	Human CD38 Recombinant Protein (Fc Tag)(Discontinued) / 50 µg
Purification :	> 95 % as determined by SDS-PAGE.
Content :	Formulation Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Val43-Ile300

Application Note

Endotoxin :< 1.0 EU per Ã‚Âµg protein as determined by the LAL method.

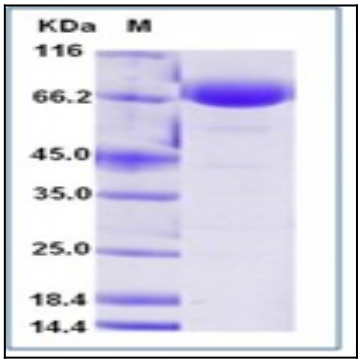


Fig 1: Human CD38 Recombinant Protein (Fc Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.