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32-6671: ART4 Human

Alternative Name : ARTC4, DOK1, CD297 Antigen, Dombrock Blood Group, ADP-Ribosyltransferase 4, Ecto-ADP-Ribosyltransferase 4.

Description

Source: Sf9, Insect cells.
Sterile Filtered colorless solution.
Ecto-ADP-Ribosyltransferase 4 or ART4 is typed as a glycosylphosphatidylinositol (GPI)-linked membrane protein which carries Dombrock blood group antigens. The development of this protein takes place at the highest levels in the fetal liver. Â the process of the ART4 development is regulated while the erythroid differentiation process occurs. ART4 is a is part of the Ribosyltransferase family.
ART4 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 248 amino acids (47-285 a.a.) and having a molecular mass of 28.8kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). ART4 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	ART4 protein solution (0.25mg/ml) contains Buffered Saline (pH 7.4) 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 :	ADPSEVAIKI DFDFAPGSFD DQYQGCSKQV MEKLTQGDYF TKDIEAQKNY FRMWQKAHLA WLNQGKVLPQ NMTTTHAVAI LFYTLNSNVH SDFTRAMASV ARTPQQYERS FHFKYLHYYL TSAIQLLRKD SIMENGTLCY EVHYRTKDVH FNAYTGATIR FGQFLSTSLL KEEAQEFGNQ TLFTIFTCLG APVQYFSLKK EVLIPPYELF KVINMSYHPR GDWLQLRSTG NLSTYNCQLL KAHHHHHH.

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