



Recombinant Human Ecto-ADP-ribosyltransferase 4 (ART4)

Product Code	CSB-EP842352HU-B
Abbreviation	ART4
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q93070
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SEVA IKIDFDFAPG SFDDQYQGCS KQVMEKLTQG DYFTKDIEAQ KNYFRMWQKA HLAWLNQGKV LPQNMTTTHA VAILFYTLNS NVHSDFTRAM ASVARTPQQY ERSFHFKYLH YYLTSIQLL RKDSIMENGT LCYEVHYRTK DVHFNAYTGA TIRFGQFLST SLLKEEAQEF GNQTLFTIFT CLGAPVQYFS LKKEVLIPPY ELFKVINMSY HPRGNWLQLR STGNLSTYNC QLLKA
Source	E.coli
Target Names	ART4
Protein Names	Recommended name: Ecto-ADP-ribosyltransferase 4 EC= 2.4.2.31 Alternative name(s): Dombrock blood group carrier molecule Mono(ADP-ribosyl)transferase 4 NAD(P)(+)-arginine ADP-ribosyltransferase 4 CD_antigen= CD297
Expression Region	47-285
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.