

B-lymphocyte antigen CD19 (CD19) Recombinant Protein | CD19 recombinant protein

Recombinant Human B-lymphocyte antigen CD19 (CD19), partial

CATALOG #
AAA310987

HOST
E Coli

PRODUCT SYNONYMS

B-lymphocyte antigen CD19 (CD19); Recombinant Human B-lymphocyte antigen CD19 (CD19); partial; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; CD_antigen: CD19; CD19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer50% glycerol
Sequence Positions	20-291aa. Extracellular Domain
Sequence	PEEPLVVKVE EGDNAVLQCL KGTS DGPTQQ LTWSRESPLK PFLKLSLGLP GLGIHMRPLA IWLFI FNV SQ QMGGFYLCQP GPPSEKAWQP GWTVNVEGSG ELFRWNVSDL GGLGCGLKNR SSEGPSSPSG KLMSPKLYVW AKDRPEIWEG EPPCLPPRDS LNQSLSQDLT MAPGSTLWLS CGVPPDSVSR GPLSWTHVHP KGPKSLLSLE LKDDRPARDM WVMETGLLLP RATAQDAGKY YCHRGNTMS FHLEITARPV LWHWLLRTGG WK
Tag Info	C-terminal 6xHis-tagged
Preparation and 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. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for CD19 recombinant protein	Assembles with the antigen receptor of B-lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
References	"Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily."Tedder T.F., Isaacs C.M.J. Immunol. 143:712-717(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010921
NCBI Accession #	NP_001171569.1
NCBI GenBank Nucleotide #	NM_001178098.1
UniProt Accession #	P15391; Q96S68; Q9BRD6; A0N0P9; F5H635
Molecular Weight	30.8 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.