

Human CellExpLAG3 /CD223, human recombinant protein
LAG3, CD223, FDC
Catalog # PBV10903r**Specification**

Human CellExpLAG3 /CD223, human recombinant protein - Product infoPrimary Accession
Calculated MW[P18627](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 47 kDa. The predicted N-terminus is Leu 23. DTT-reduced Protein migrates as 60 kDa due to glycosylation. KDa

Human CellExpLAG3 /CD223, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
LAG3, CD223, FDC**3902**
LAG3Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Target/Specificity
LAG3 /CD223**Human**
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format

Lyophilized

Storage

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

Human CellExpLAG3 /CD223, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExpLAG3 /CD223, human recombinant protein - Images

Human CellExpLAG3 /CD223, human recombinant protein - Background

Lymphocyte activation gene 3 protein (LAG3) is also known as CD antigen CD223 and protein FDC, which belongs to immunoglobulin (Ig) superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4. LAG3 /CD223 involved in lymphocyte activation. LAG3 /CD223 binds to HLA class-II antigens.

Human CellExpLAG3 /CD223, human recombinant protein - References

Triebel F.,et al.J. Exp. Med. 171:1393-1405(1990).
Triebel F.,et al.Submitted (SEP-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.