
Product Datasheet

**Human Siglec-10 Protein (L118A, G120A, E201A)
Tag (orb1291809)**

Description

Human Siglec-10, Fc (L118A, G120A,

human 293 cells (HEK293). It contain...

Reactivity

Human

Endotoxins

1.0 EU per µg

Conjugation

Unconjugated

Target

Siglec-10

Preservatives

PBS, pH7.4

Form/Appearance

Powder

Storage

-20°C

Tag

C-Fc(A3)

Note

For research use only

Application notes

This protein carries a human IgG1 Fc (L118A, G120A, E201A) tag at the C-terminus. The protein has a calculated MW of 84.6 kDa. As the result of the mutations for Fc-Tag, the protein migrates as 90-110 kDa (Siglect-10 with Fc-Tag), 60-67 kDa (Siglect-10) and 30-32 kDa (Fc fragment) under reducing (R) condition (SDS-PAGE) due to glycosylation. Mutations (L118A, G120A, E201A /EU number: L235A/G237A/E318A) in human immunoglobulin G1 (hlgG1) Fc strongly reduce binding of the Fc mutant to cell expressed FcγRs, resulting in an almost 4-fold reduction in ADCC compared to that of wild type human IgG1.

Protein Sequence

NP_149121.2

Purity

85%

Source

Human Siglec-10, Fc (L118A, G120A, E201A) Tag (orb1291809) is expressed from human 293 cells (HEK293). It contains AA Met 17 - Thr 546 (Accession # Q96LC7-1).

MW

84.6 kDa

Uniprot ID
[Q96LC7](https://www.uniprot.org/entry/Q96LC7)