

Bioactive

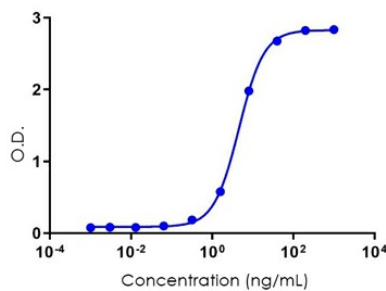
HuPro®

SIGLEC15 (Human) Recombinant Protein

Catalog # P7620

Size 50 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human SIGLEC15 (Q6ZMC9, 20 a.a. - 263 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

Sequence

FVRTKIDTTENLLNTEVHSSPAQRWSMQVPPEVSAEAGDAAVLPCTFTHPHRHYDGPLTAMWRAG
EPYAGPQVFRCAAARGSELCQTALSLHGRFRLGNPRRNDLSLRVERLALADDRRYFCRVEFAG
DVHDRYESRHHGVRHLHVTAAPRIVNISVLPSPAHAFAFRALCTAEGEPALAWSGPALGNSLAAVRS
PREGHGHVTAELPALTHDGRYTCTAANSLGRSEASVYLFRFHGASGAST

Host

Mammals

Theoretical MW (kDa)

54.3

Form

Lyophilized

Preparation Method

Mammalian cell (HEK293) expression system

Purity

> 90% by SDS-PAGE

Endotoxin Level

< 1 EU per 1 ug of protein (determined by gel clotting method)

Activity

Immobilized Anti-Siglec15 at 1.0 ug/mL (100 uL/well) can bind Siglec-15, hFc, Human with a EC_{50} = 5.184 ng/mL and a linear range of 0.064 - 200.0 ng/mL when detected by Mouse Anti - Human IgG Fc-HRP.

Storage Buffer

Lyophilized from sterile distilled Water up to 100 ug/mL

Storage Instruction

Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

Result of bioactivity analysis
Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — SIGLEC15

Entrez GeneID[284266](#)**Protein Accession#**[Q6ZMC9](#)**Gene Name**

SIGLEC15

Gene Alias

CD33L3, HsT1361, SIGLEC-15

Gene Description

sialic acid binding Ig-like lectin 15

Gene Ontology[Hyperlink](#)**Other Designations**

CD33 antigen-like 3|CD33 molecule-like 3