

Active Recombinant Mouse Siglece, Fc Chimera

Cat. No. Siglece-314M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Siglece (Accession # AAH23280) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	No results obtained, N-sequencing might be blocked: Gln20 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When 0.5 µg/mL of Recombinant Mouse Siglec-E Fc Chimera is immobilized onto a goat anti-mouse IgG Fc antibody coated plate, the concentration of biotinylated Neu5Ac alpha 2-6GalNAc alpha - Polyacrylamide that produces 50% of the optimal binding response is found to be approximately 20 - 80 ng/mL.
Molecular Mass	Recombinant Mouse Siglece, Fc Chimera has a calculated MW of 64.6 kDa (monomer). In SDS-PAGE migrates as 75-95 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Siglece sialic acid binding Ig-like lectin E [Mus musculus (house mouse)]
Official Symbol	Siglece
Synonyms	Siglece; sialic acid binding Ig-like lectin E; Cd170; Siglec5; Siglec9; Siglec12; Siglec11; mSiglec-E; sialic acid-binding Ig-like lectin 12; MIS; SIGLEC-like 1; myeloid inhibitory siglec; sialic acid binding Ig-like lectin 5; sialic acid-binding Ig-like lectin 5; sialic acid-binding Ig-like lectin E; sialic acid-binding Ig-like lectin-like 1; sialic acid-binding immunoglobulin-like lectin E; siglec-12; siglec-5; siglec-E; siglec-L1
Gene ID	83382
mRNA Refseq	NM_031181
Protein Refseq	NP_112458
MIM	
UniProt ID	Q91Y57
Chromosome Location	7; 7 B2

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