

## Siglec-7 Protein, Human, Recombinant(aa 1-353, His)

## General Information

Synonyms:	CDw328;Ity;Bcg;AIM1;p75/AIRM1;SIGLECP2;SIGLEC19P;SIGLEC-7;QA79;Nramp;CD328;Lsh;D-siglec;Nramp1;Ity1;p75
Protein Construction:	A DNA sequence encoding the Human SIGLEC7 (Q9Y286-1) (Met1-Leu353) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Gln 19
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q9Y286-1
Molecular Weight:	38.4 kDa (predicted); 55.7 kDa (reducing conditions)

## QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

## Preparation and Storage

## Reconstitution:

Reconstituted with sterile deionized water to 0.25 mg/mL. Reconstitution conditions may vary depending on the lot.

## Stability &amp; Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

## Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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