

Siglec-15 Protein, Human, Recombinant (His)

General Information

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| Synonyms: | SIGLEC-15;sialic acid binding Ig-like lectin 15;CD33L3;HsT1361 |
| Protein Construction: | A DNA sequence encoding the human SIGLEC15 (NP_998767.1) (Met1-Gly260) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Phe 20 |
| Species: | Human |
| Expression Host: | HEK293 Cells |
| Accession: | Q6ZMC9-1 |
| Molecular Weight: | 27.7 kDa (predicted) |

QC Testing

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| 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: | > 90 % as determined by SDS-PAGE. |
| 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, 500 mM NaCl, 0.2% CHAPS, 10% trehalose, 0.1 M Arg, pH 7.0. 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

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| Reconstitution: | Reconstituted with sterile deionized water to 0.25 mg/mL. Reconstitution conditions may vary depending on the lot. |
| Stability & 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. <small>Actual storage temperature shall be subject to the COA.</small> |
| Shipping: | In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice. |

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