Rev05
Update: Aug,20,2025

DATASHEET

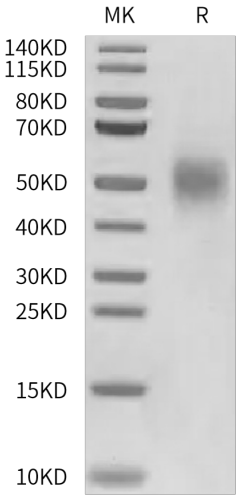
CEACAM-5/CD66e (323-500), His, Human

Cat. No.: Z03831

Product Introduction

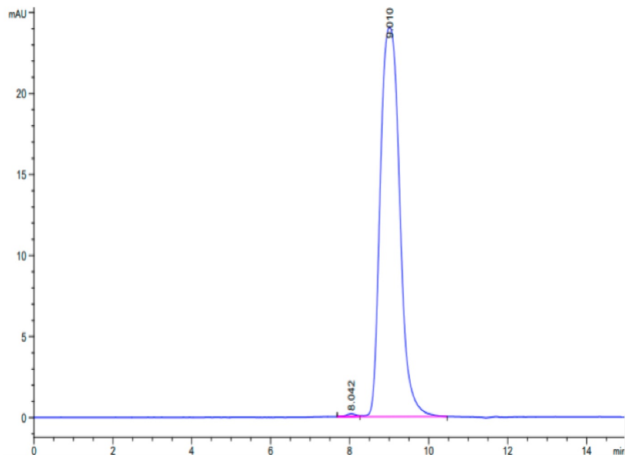
Species	Human
Protein Construction	CEACAM-5/CD66e (Pro323-Leu500) Accession # P06731-1 — His N-term — C-term
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	20.73 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples



CEACAM-5/CD66e (323-500), His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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The purity of CEACAM-5/CD66e (323-500), His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : CEACAM5 (Carcinoembryonic antigen-related cell adhesion molecule 5), is also known as CD66e (Cluster of Differentiation 66e). The overproduction of CEACAM5 could enrich for an epithelial gene expression pattern and facilitate tumor outgrowth at metastatic sites. CEACAM5 is often used as a synonym for many types of malignancies, such as colorectal cancer and non-small-cell lung cancer.

Synonyms : CEACAM-5; CD66e; CEA; Carcinoembryonic; CEACD66e

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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