

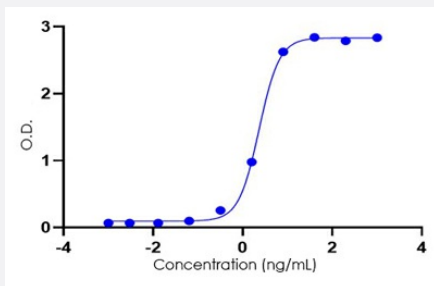
Bioactive

CEACAM5 (Human) Recombinant Protein

Catalog # P7615

Size 50 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human CEACAM5 (P06731, 35 a.a. - 685 a.a.) partial recombinant protein with His tag at C-terminus expressed in CHO 3E7 cells.

Sequence

KLTISTPFPNVAEGKEVLLL VHNLPQH LFGYSWYKGERVDGNRQIIIGYVIGTQQATPGPAYSGREIIPNASLLIQNIQNDTG FYTLHV KSDLVNEEATGQFRVYELPKPSSISNNSKPVEDKDAVAFTCEPETQDATYLWWWNNQSLPVS PRLQLSNGNRTLTLFNVTRNDTASYKCETQNPVSARRSDSVILNVL YGPDAPTISPLNTSYRSGENLNL SCHAASNPPAQYSWFVNGTFQQSTQELFIPNITVNNSGSYTCQAHNSDTGLNRTTVTTITVYAEPKPFITSNNSNPVEDEDAVALTCEPEIQNTTYLWWWNNQSLPVS PRLQLSNDNRTL TLLSVTRNDVGPYECGIQNELSVDHSDPVILNVL YGPDDPTISPSYTYRPGVNL SLSCHAASNPPAQYSWLIDGNIQQHTQELFISNITEKNSGLYTCQANNSASGHSRTTVKTITVSAELPKPSSISNNSKPVEDKDAVAFTCEPEAQNTTYLWWWNGQSLPVS PRLQLSNGNRTLTLFNVTRNDARAYVCGIQNSVSANRSDPVTLDVLYGPDTPISPPDSSYLSGANLNL SCHSASNPS PQYSWRIN GIPQQHTQVLFIAKITPNNGTYACFVSNLATGRNNSIVKSITVSASGTSPGLSA

Host

Mammals

Form

Lyophilized

Preparation Method

Mammalian cell (CHO 3E7) expression system

Purity

> 95% by SDS-PAGE

Endotoxin Level

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

Activity	Immobilized CEA, His, Human at 1.0 ug/mL (100 uL/well) can bind Human CEA Antibody (1A5C3), Mouse with EC ₅₀ = 2.323 ng/mL when detected by M6 Goat Anti Mouse Fc.
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 — CEACAM5

Entrez GeneID	1048
Protein Accession#	P06731
Gene Name	CEACAM5
Gene Alias	CD66e, CEA, DKFZp781M2392
Gene Description	carcinoembryonic antigen-related cell adhesion molecule 5
Omim ID	114890
Gene Ontology	Hyperlink
Other Designations	-