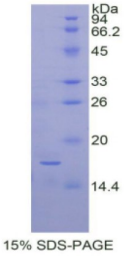
Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 (CEACAM5) Protein

Catalogue No.:abx065719



SDS-PAGE analysis of recombinant Human CEA Protein.

Human Carcinoembryonic Antigen (CEA) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: abx102321

Target:	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 (CEACAM5)
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 90%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P06731 (UniProt, ExPASy)

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Datasheet

Version: 2.0.0
Revision date: 10 Feb 2025

Gene Symbol:	CEACAM5
GeneID:	1048
KEGG:	hsa:1048
String:	9606.ENSP00000221992
Molecular Weight:	Calculated MW: 16.0 kDa Observed MW (SDS-PAGE): 18 kDa
Sequence Fragment:	Pro93-Val221
Sequence:	PAYSGREI IYPNASLLIQ NIIQNDTGFY TLHVIKSDLV NEEATGQFRV YPELPKPSIS SNNSKPVEDK DAVAFTCEPE TQDATYLWWV NNQSLPVSPR LQLSNGNRTL TLFNVTRNDT ASYKCETQNP V
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 μg/ml
Note:	This product is for research use only. Not for human consumption, cosmetic, therapeutic or diagnostic use.

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