

Product datasheet for PH324965

CEACAM16 (NM_001039213) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CEACAM16 MS Standard C13 and N15-labeled recombinant protein (NP_001034302)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224965
Predicted MW:	52.68 kDa
Protein Sequence:	>RC224965 representing NM_001039213 Red=Cloning site Green=Tags(s) MSDLLSIYSAPVVSTVLHMLQIRKRLRGRVHKLPRVLEVGNSTMSRAYTFFFLRWSFMALTGYSWLLL SATFLNVGAEISITLEPAQPSEGDNVTLVHGLSGELLAYSWEYAGPTLSVSYLVASYIVSTGDETPGPAH TGREAVRPDGSLDIQGILPRHSGTYILQTFNRQLQTEVGYGHVQVHEILAQPTVLANSTALVERRDTRLR MCSSPSPTAEVRWFFNGGALPVALRLGLSPDGRVLRHGIRREEAGAYQCEVWNPVSVSRSEPINLTVYF GPERVAIILQDSTTRTGCTIKVDFNTSLTLWCVSRSCPEPEYVWTFNGQALKNGQDHLNISSMTAAQEGTY TCIAKNTKLLSGSASVVVKLSAAAVATMIVPVPTKPTGQDVTTLTVQGYPKDLLVYAWYRGPASEPNRL LSQLPSGTWIAGPAHTGREVGFPNCSLLVQKLNLTDTGRYTLKTVTVQGTETLEVELQVAPLG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001034302</u>
RefSeq Size:	1797
RefSeq ORF:	1452
Synonyms:	CEAL2; DFNA4B; DFNB113



[View online »](#)

Locus ID: 388551

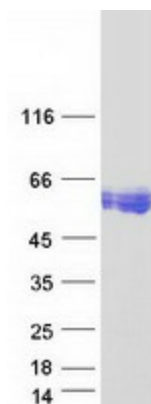
UniProt ID: [Q2WEN9](#)

Cytogenetics: 19q13.31-q13.32

Summary: The protein encoded by this gene is a secreted glycoprotein that in mouse interacts with tectorial membrane proteins in the inner ear. The encoded adhesion protein is found in cochlear outer hair cells and appears to be important for proper hearing over an extended frequency range. Defects in this gene likely are a cause of non-syndromic autosomal dominant hearing loss. [provided by RefSeq, May 2012]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CEACAM16 protein (Cat# [TP324965]). The protein was produced from HEK293T cells transfected with CEACAM16 cDNA clone (Cat# [RC224965]) using MegaTran 2.0 (Cat# [TT210002]).