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Product datasheet for TP324965

CEACAM16 (NM_001039213) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carcinoembryonic antigen-related cell adhesion molecule 16 (CEACAM16), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224965 representing NM_001039213 Red=Cloning site Green=Tags(s) MSDLLSIYSAPVVVSTVLHMLQIRKLRLGRVHKLPRVLEVGNSGTMSRAYTFFFLRWSFMALTGYSWLLL SATFLNVGAEISITLEPAQPSEGDNVTLVVHGLSGELLAYSWYAGPTLSVSYLVASYIVSTGDETPGPAH TGREAVRPDGSLDIQGILPRHSGTYILQTFNRQLQTEVGYGHVQVHEILAQPTVLANSTALVERRDTLRL MCSSPSPTAEVRWFFNGGALPVALRLGLSPDGRVLARHGIRREEAGAYQCEVWNPVSVSRSEPINLTVYF GPERVAILQDSTTRTGCTIKVDFNTSLTLWCVSRSCPEPEYVWTFNGQALKNGQDHLNISSMTAAQEGTY TCIAKNTKTLLSGSASVVVKLSAAAVATMIVPVPTKPTEGQDVTLTVQGYPKDLLVYAWYRGPASEPNRL LSQLPSGTWIAGPAHTGREVGFPNCSLLVQKLNLTDTGRYTLKTVTVQGKTETLEVELQVAPLG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	45.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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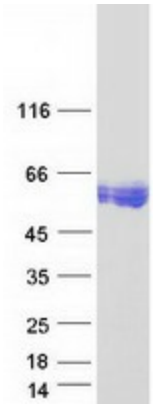
RefSeq:	NP_001034302
Locus ID:	388551
UniProt ID:	Q2WEN9
RefSeq Size:	1797
Cytogenetics:	19q13.31-q13.32
RefSeq ORF:	1452
Synonyms:	CEAL2; DFNA4B; DFNB113
Summary:	The protein encoded by this gene is a secreted glycoprotein that in mouse interacts with tectorial membrane proteins in the inner ear. The 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]).