

Product datasheet for **TP313257**

C9orf21 (AAED1) (NM_153698) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human chromosome 9 open reading frame 21 (C9orf21), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC213257 representing NM_153698
Red=Cloning site **Green**=Tags(s)

MAAPAPVTRQVSGAAALVPAPSGPDSGQPLAAVAELPVL DARGQRVPF GALFRERRAWV FVRHFLCYI
CKEYVEDLAKIPRSFLQEANVTLVIGQSSYHHIEPFCKLTGYSHEIYVDPEREIYKRLGMKRGEEIASS
GQSPHIKSNLLSGSLQSLWRAVTGPLFDFQGDPAQQGGTLILGPGNNIHFHRDRNRLDHPINSVLQLV
GVQHVNFNTRPSVIHV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 24.7 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.

RefSeq: [NP_714542](#)

Locus ID: 195827

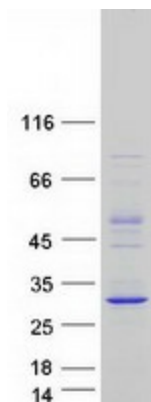
UniProt ID: [Q7RTV5](#)



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RefSeq Size:	1242
Cytogenetics:	9q22.33
RefSeq ORF:	678
Synonyms:	AAED1; C9orf21
Summary:	May regulate positively ERK1/2 signaling and AKT1 activation leading to HIF1A up-regulation with an increased expression of glycolysis genes and enhanced glycolysis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PRXL2C protein (Cat# TP313257). The protein was produced from HEK293T cells transfected with PRXL2C cDNA clone (Cat# [RC213257]) using MegaTran 2.0 (Cat# [TT210002]).