

## Product datasheet for PH313257

### C9orf21 (AAED1) (NM\_153698) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	C9orf21 MS Standard C13 and N15-labeled recombinant protein (NP_714542)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213257
Predicted MW:	24.7 kDa
Protein Sequence:	>RC213257 representing NM_153698 Red=Cloning site Green=Tags(s)  MAAPAPVTRQVSGAAALVPAPSGPDSGQPLAAVAELPVL DARGQRV PFGALFRERRAVVVFVRHFLCYI CKEYVEDLAKIPRSFLQEANVT LIVIGQSSYHHIEPFCKLTGYSHEIYVDPEREIYKRLGMKRGEEIASS GQSPHIKSNLLSGSLQSLWRAVTGPLDFDQGDPAQQGGTLILGPGNNIHF IHRDRNRLDHKPINSVLQLV GVQHVNF TNRPSVIHV  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_714542</a>
RefSeq Size:	1242
RefSeq ORF:	678
Synonyms:	AAED1; C9orf21
Locus ID:	195827
UniProt ID:	<a href="#">Q7RTV5</a>

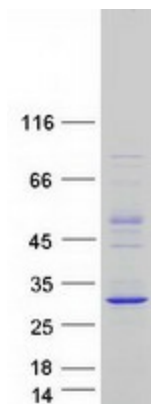


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Cytogenetics: 9q22.33

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]).