

Product datasheet for PH300827

ALS2CR1 (NIF3L1) (NM_021824) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NIF3L1 MS Standard C13 and N15-labeled recombinant protein (NP_068596)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200827
Predicted MW:	42 kDa
Protein Sequence:	>RC200827 protein sequence Red=Cloning site Green=Tags(s)

MLSSCVRPVPTTVRFVDSLICNSSRSFMDLKALLSSLNDFASLSFAESWDNVGLLVEPSPHTVNTLFLT
NDLTEEVMEEVLQKKADLILSYHPPIFRPMKRITWNTWKERLVIRALENRVGIYSPHTAYDAAPQGVNHW
LAKGLGACTSRPIHPSKAPNYPTTEGNHRVEFNVNYTQDLKVMASVKGIDGVSVTSFSARTGNEEQTRIN
LNCTQKALMQVDFLSRNKQLYQKTEILSLEKPLLLHTGMGRCLTDESVS LATMIDRIKRHLKLSHIRL
ALGVGRTLESQVKVVALCAGSGSVLQGV EADLYLTGEMSHHDTLDAASQGINVILCEHSNTERGFLSDL
RDMLD SHLENKINIILSETDRDPLQVV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_068596
RefSeq Size:	1649
RefSeq ORF:	1134
Synonyms:	ALS2CR1; CALS-7; MDS015
Locus ID:	60491



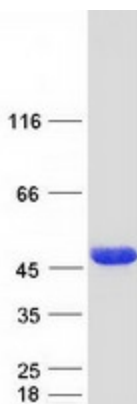
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UniProt ID: [Q9GZT8](#), [A0A024R3V5](#)

Cytogenetics: 2q33.1

Summary: May function as a transcriptional corepressor through its interaction with COPS2, negatively regulating the expression of genes involved in neuronal differentiation.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NIF3L1 protein (Cat# [TP300827]). The protein was produced from HEK293T cells transfected with NIF3L1 cDNA clone (Cat# [RC200827]) using MegaTran 2.0 (Cat# [TT210002]).