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Product datasheet for PH306239

ECRG4 (NM_032411) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C2orf40 MS Standard C13 and N15-labeled recombinant protein (NP_115787)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206239
Predicted MW:	17.2 kDa
Protein Sequence:	>RC206239 protein sequence Red=Cloning site Green=Tags(s) MAASPARPAVLALTGLALLLLLCWGPGGISGNKLKLMLQKREAPVPTKTKVAVDENKAKEFLGSLKRQKR QLWDRTRPEVQQWYQQFLYMGFDEAKFEDDITYWLNRDRNGHEYYGDYYQRHYDEDSAIGPRSPYGFRHG ASVNYDDY 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:	NP_115787
RefSeq Size:	793
RefSeq ORF:	444
Synonyms:	C2orf40
Locus ID:	84417
UniProt ID:	Q9H1Z8

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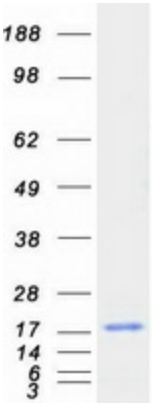
Cytogenetics: 2q12.2

Summary: Probable hormone that may attenuate cell proliferation and induce senescence of oligodendrocyte and neural precursor cells in the central nervous system (By similarity). ECRG4-induced senescence is characterized by G1 arrest, RB1 dephosphorylation and accelerated CCND1 and CCND3 proteasomal degradation (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified ECRG4 protein (Cat# [TP306239]). The protein was produced from HEK293T cells transfected with ECRG4 cDNA clone (Cat# [RC206239]) using MegaTran 2.0 (Cat# [TT210002]).