

Product datasheet for PH322233

AGO3 (NM_024852) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EIF2C3 MS Standard C13 and N15-labeled recombinant protein (NP_079128)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222233
Predicted MW:	97.2 kDa
Protein Sequence:	>RC222233 representing NM_024852 Red=Cloning site Green=Tags(s)

MEIGSAGPAGAQPILLMVPRRPGYGTMGKPIKLLANCFQVEIPKIDVYLYEVDIKPDKCPRRVNREVVDSM
VQHFKVTIFGDRRPVYDGRSLY TANPLPVATTGVDLDTLPGEKDRPFKVS IKFVSRVSWHLLHEVL
TGRTLPEPLELDPKPISTNPVHAVDVVLRHLPSMKYTPVGRSFFSAPEGYDHPGGGREVWF GFHQSVRPA
MWKMLNIDVSATAFYKAQPV IQFMCEVLDIHNIDEQPRPLTDSHRVKFTKEIKGLKVEVTHCGTMRKY
RVCNVTRRPASHQTFPLQLENGQTVERTVAQYFREKYTLQLKYPHLPCLQVQEQKHTYLPLEVCNIVAG
QRCIKKLTDNQTSTMIKATARSAPDRQEEISRLVRSANYETDPFVQEFQFKVRDEMAHVTGRVLPAPMLQ
YGGNRRTVATPSHGVD MRGKQFHTGVEIKMWA IACFATQRQCREEILKGF TDQLRKISKDAGMPIQGQP
CFCKYAQGADSV EPMFRHLKNTYSGLQLIIVILPGKTPVYAEVKRVGDTLLGMATQCVQVKNVIKTSPT
LSNLCLKINVKLGGINNILVPHQRPSV FQQPVI FLGADVTHPPAGDGKKPSIAAVVGSMDAHP SRYCATV
RVQRPRQEIIQDLASMVRELLIQFYKSTRFKPTRIIFYRDGVSEGFQRQVLYYELLAIREACISLEKDYQ
PGITYIVVQKRHHTRLFCADRTERVGRSGNIPAGTTVDTDITHPYEFDYLC SHAGIQGTSRPSHYHVLW
DDNCFTADELQLLTYQLCHTYVRCRTRSVSIPAPAYY AHLVAFRARYHLVDKEHDSAEGSHVSGQSNRDP
QALAKAVQIHQDTLRTMYFA

SGP TRTRRLEQKLI 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.



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RefSeq: [NP_079128](#)

RefSeq Size: 3578

RefSeq ORF: 2580

Synonyms: EIF2C3

Locus ID: 192669

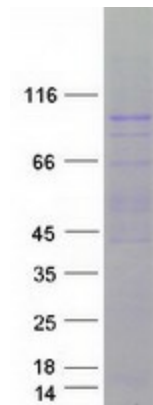
UniProt ID: [Q9H9G7](#), [B4E1P5](#)

Cytogenetics: 1p34.3

Summary: This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified AGO3 protein (Cat# [TP322233]). The protein was produced from HEK293T cells transfected with AGO3 cDNA clone (Cat# [RC222233]) using MegaTran 2.0 (Cat# [TT210002]).