

## Product datasheet for TP322233L

### AGO3 (NM\_024852) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens eukaryotic translation initiation factor 2C, 3 (EIF2C3), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC222233 representing NM\_024852  
 Red=Cloning site Green=Tags(s)

MEIGSAGPAGAQPLLMVPRRPGYGTMGKPIKLLANCFQVEIPKIDVYLYEVDIKPDKCPRRVNREVVD SM  
 VQHFKVTIFGDRRPVYD GKRSLYTANPLPVATTGVDLDVTLPGE GGGKDRPFKVSIFVSRVSWHLLHEVL  
 TGRTLPEPLELDKPISTNPVHAVDVVLRHLP SMKYTPVGRSFFSAPEGYDHP LGGGREVWFGFHQSVRPA  
 MWKMMLNIDVSATAFYKAQPVIQFMCEVLDIHNIDEQPRPLTDSHRVKFTKEIKGLKVEVTHCGTMR RKY  
 RVCNVTRRPASHQTFPLQLENGQTVERTVAQYFREKYTLQLKYPHLPCLQVGQEQKHTYLPLEVCNIVAG  
 QRCIKKLTDNQTSTMIKATARSAPDRQEEISRLVRSANYETDPFVQEFQFKVRDEMAHVTGRVLPAPMLQ  
 YGGRNRTVATPSHGVWDMRGKQFHTGVEIKMWAIACFATQRQCREEILKGFTDQLRKISKDAGMPIQGQP  
 CFCKYAQGADSVEPMFRHLKNTYSGLQLIIVILPGKTPVYAEVKRVGDTLLGMATQCVQVKNVIKTSPQT  
 LSNLCLKINVKLGGINNILVPHQRPSVFQQPVI FLGADVTHPPAGDGKKPSIAAVVGSM DAHPSRYCATV  
 RVQRPRQEIIQDLASMVRELLIQFYKSTRFKPTRIIF YRDGVSEGQFRQVLYYELLAIREACISLEKDYQ  
 PGITYIVVQKRHHTRLFCA DRTERVGRSGNIPAGTTVDTDITHPYEFD FYLC SHAGIQGTSRPSHYHVLW  
 DDNCFTADELQLLTYQLCHTYVRCTRSVSIPAPAYYAHLVAFRARYHLVDKEHDSAEGSHVSGQSNGRDP  
 QALAKAVQIHQDTLRTMYFA

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 97.2 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.



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**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\\_079128](#)

**Locus ID:** 192669

**UniProt ID:** [Q9H9G7](#)

**RefSeq Size:** 3578

**Cytogenetics:** 1p34.3

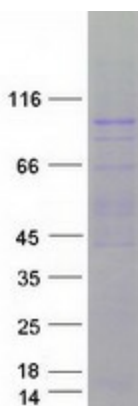
**RefSeq ORF:** 2580

**Synonyms:** EIF2C3

**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]).