

Human AGO2 (1-200) Recombinant Protein



RPPB2713

Product Information Protein Information

Product SKU:

RPPB2713

Accession:

Q9UKV8

Host:

Escherichia Coli.

Protein description:

AGO2 (1-200) Human Recombinant is a single, non-glycosylated, polypeptide chain containing 210 amino acids (1-200 a.a) and having a molecular mass of 23.7kDa (calculated). AGO2 (1-200) is fused to a 10 a.a His tag at N-terminal.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Protein argonaute-2, Argonaute2, hAgo2, Argonaute RISC catalytic component 2, Eukaryotic translation initiation factor 2C 2, eIF-2C 2, eIF2C 2, PAZ Piwi domain protein, PPD, AGO2, EIF2C2, Protein slicer.

Formulation:

AGO2 (1-200) filtered (0.4 µm) and lyophilized from 0.5mg/ml in 50mM acetate buffer, pH 4.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 0.1M acetate buffer, pH 4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. AGO2 (1-200) is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS MYSGAGPALA PPAPPPPIQG YAFKPPRPD FGTSGRTIKL QANFFEMDIP KIDIYHYELD
IKPEKCPRRV NREIVEHMQ HFKTQIFGDR KPVPDGRKNL YTAMPLPIGR DKVELEVTLPL GEGKDRIFKV
SIKWVSCVSL QALHDALSGR LPSVPFETIQ ALDVVMRHLPL SMRYTPVGRS FFTASEGCSN PLGGGREVV.