

Active Recombinant Human AGO2 protein, His-tagged

Cat. No. AGO2-2180H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human AGO2 protein(NP_036286.2) (Met 1-Ala 859) was expressed in Insect Cells with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-859 aa
Form	Lyophilized from sterile 20mM Tris,500mM NaCl,10% glycerol, pH7.4,5% Trehalose,5%mannitol.
Bio-activity	Human AGO2 can bind Let-7a RNA and cleave target RNA (21nt).
Molecular Mass	The recombinant human AGO2 consists of 877 amino acids and predicts a molecular mass of 99 kDa as estimated by SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

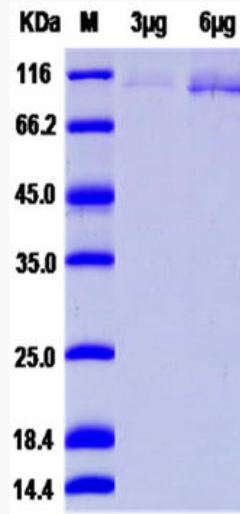
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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

SDS-PAGE

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