

Recombinant Human AGRP/Agouti-Related Protein His

Catalog No.	CRA109A	Quantity:	2 µg
	CRA109B		10 µg
	CRA109C		1.0 mg

Alternate Names: Agouti-Related Protein, AGRT, ART, ASIP2

Description: Recombinant Human Agouti-Related Protein is created with N-terminal fusion of His Tag. It contains 112 amino acid residues of the human AGRP and 16 additional amino acid residues-His Tag, thrombin cleavage site (in bold below).

GenelD: 181

Source: *E. coli*

Molecular Weight: 14.4 kDa

Formulation: Lyophilized from a sterile filtered solution in 5 mM Tris + 25 mM NaCl, pH 7.5.

Purity: > 95% as determined by SDS-PAGE analysis

Endotoxin Level: < 0.1 ng/µg of AGRP

Amino Acid Sequence: **MKHHHHHHHM LVPRGSA**QMG LAPMEGIRRP DQALLPELPG LGLRAPLKKT
TAEQAEEDLL QEAQALAEVL DLQDREPRSS RRCVRLHESC LGQQVPCCDP
CATCYCRFFN AFCYCRKLG T AMNPCSRT

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.5 mg/ml.

Applications: Western Blot
ELISA

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store lyophilized protein at -20°C. Reconstituted protein is stable for two weeks in working aliquots at 2-4°C. **Avoid repeated freeze-thaw cycles.**

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