

AZGP1

Recombinant Human Alpha-2-Glycoprotein 1, Zinc-Binding, HEK

Catalog No.	CRA428A	Quantity:	2 µg
	CRA428B		10 µg
	CRA428C		100 µg

Alternate Names: Zinc-alpha-2-glycoprotein, ZA2G, AZGP1, ZAG

Description: Zinc-alpha-2-glycoprotein (ZA2G) protein stimulates lipid degradation in adipocytes and causes the massive fat losses linked with various advanced cancers. ZA2G may bind polyunsaturated fatty acids. ZA2G Human Recombinant produced in HEK cells is a single, glycosylated polypeptide chain containing a total of 290 amino acids encoding (13-290), and identical to UniProt P25311 (AA 18-295, mature Zinc-Alpha-2-Glycoprotein). Twelve extra amino acids were fused with the N-terminus.

Concentration: 0.5 mg/ml prior to lyophilization

Gene ID: 563

UniProt ID: P25311

Source: HEK (Human Embryonic Kidney) 293 cell line

Molecular Weight: 34.5 kDa

Formulation: Lyophilized from a solution containing 100 mM Tris-HCl, 150 mM NaCl, pH 8.0.

Purity: > 90% by SDS-PAGE and RP-HPLC

Amino Acid Sequence: ASWSHPQFEK GSQENQDGRY SLTYIYTGLS KHVEDVPAFQ ALGSLNDLQF
FRYNSKDRKS QPMGLWRQVEGMEDWKQDSQ LQKAREDIFM ETLKDIVEYY
NDSNGSHVLQ GRFGCEIENN RSSGAFWKYY YDGKDYIEFNKEIPAWVVPFD
PAAQITKQKW EAEPVYVQRA KAYLEEECPA TLRKYLKYSK NILDRQDPPS
VVVTSHQAPG EKKKLKCLAYDFYPGKIDVH WTRAGEVQEP ELRGDVLHNG
NGTYQSWVV AVPPQDTAPY SCHVQHSSLA QPLVVPWEAS

Storage & Stability: Store at 2-8°C for up to 2 weeks, or in working aliquots at -20°C to -80°C for up to 1 year. It is recommended to add a carrier protein such as 0.1% BSA for long term storage.

Avoid repeated freeze/thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

