

PRODUCT DATA SHEET

Zinc-Alpha-2-Glycoprotein Human HEK293

Cat. No.: RD172093100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

ZA2G, ZAG, AZGP1, Zn-alpha-2-glycoprotein, Zn-alpha-2-GP, ZNGP1

Description:

Total 291AA, 33,5 kDa (computed). The AA sequence (14–291) is identical to Swiss-Prot-P25311 (AA18–295 mature Zinc-Alfa-2-Glycoprotein). THIRTEEN extra amino acid were fused with N-terminus.

Amino Acid Sequence:

PGDYKDDDDK PAGQENQDGR YSLTYIYTGL SKHVEDVPAF QALGSLNDLQ FFRYNSKDRK
SQPMGLWRQV EGMEDWKQDS QIQKAREDIF METLKDIVEY YNDSNGSHVL QGRFGCEIEN
NRSSGAFWKY YYDGKDYIEF NKEIPAWVPF DPAAQITKQK WEAEPVYVQR AKAYLEEECP
ATLRKYLKYS KNILDRQDPP SVVVTSHQAP GEKKKLKCLA YDFYPGKIDV HWTRAGEVQE
PELRGDVLHN GNGTYQSWVV VAVPPQDTAP YSCHVQHSSL AQPLVVPWEA S

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0,4 μm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5

Reconstitution:

Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control:

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Endotoxin level determination.

Applications:

ELISA, Western blotting