

P80231Mu01

Alpha-2-Glycoprotein 1, Zinc Binding (aZGP1)

Organism: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

5th Edition (Revised in January, 2013)

[DESCRIPTION]

Protein Names: Alpha-2-Glycoprotein 1, Zinc

Binding

Synonyms: aZGP1

Species: Mouse

Size: 100µg

Source: *Escherichia coli*-derived

Subcellular Location: Secreted.

[PROPERTIES]

Residues: Glu178~Gln307 (Accession # Q64726),
with N-terminal His-Tag.

Grade & Purity: >95%, 19kDa as determined by
SDS-PAGE reducing conditions.

Formulation: Supplied as lyophilized form in PBS, pH
7.4, containing 5% sucrose.

Endotoxin Level: <1.0 EU per 1µg (determined by
the LAL method).

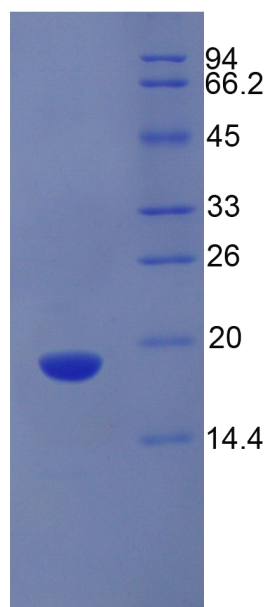
Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

Predicted Molecular Mass: 16.6kDa

Predicted isoelectric point: 7.1

Mouse aZGP1 kDa



15% SDS-PAGE



[PREPARATION]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.

MGHHHHHSGSEF-EEE CPEMLKRYLN YSRSHLDRID PPTVTITSRV IPGGNRIFKC
LAYGFYPQRI SLHWNKANKK LAFEPERGVF PNGNGTYLSW AEEVSPQDI DPFFCLIDHR
GFSQSLSVQW DRTRKVKDEN NVVAQPQ

Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, BELGIUM
Tel 0032 16 58 90 45 | Fax 0032 16 50 90 45
www.gentaur-worldwide.com
info@gentaur.com