

Recombinant Human Glycoprotein 2, Zymogen Granule Membrane (GP2)/ZAP75

Catalog # IC8569

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PROPERTIES]

Residues: Phe307~Asn512 (Accession # P55259), with two N-terminal Tags, His-tag and T7-tag.

Host: *E. coli*

Subcellular Location: Cell membrane; Lipid-anchor GPI-anchor. Secreted.

Purity: >95%

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

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.6

Predicted Molecular Mass: 26.9kDa

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

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

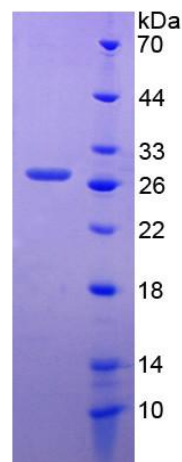
[USAGE]

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.



15% SDS-PAGE

Figure 2. SDS-PAGE



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

Stability Test: The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.

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MG SSH HHH HH SSSLVPR GSH MAS MTG GQ Q M GRG SEF- FIIR DTI LN INFQ C
AYPLDMKVSL QAALQPIVSS LNVSV DNGE FIVRMALFQD QNYTNPYEGD AVELSVESVL
YVGAILEQGD TSRFNLVLRN CYATPTEDKA DLVKYFIIRN SCSNQRDSTI HVEENGQSSE
SRFSVQMFMF AGHYDLVFLH CEIHLCDLNL EQCQPSCSRS QVRSEVPAID LARVLDLGPV
TRRGAQSPGV MN
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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

