YB80637Hu01

Junctional Adhesion Molecule 3 (JAM3)

Organism: Homo sapiens (Human)

Instruction manual
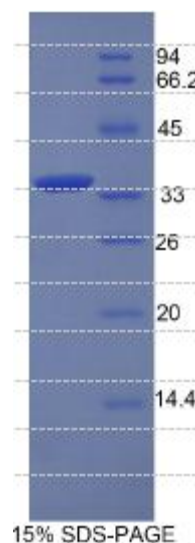
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NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

5th Edition (Revised in January, 2013)

[DESCRIPTION]

Protein Names: Junctional Adhesion Molecule 3

Human JAM3 kDa

15% SDS-PAGE

Synonyms: JAM3

Species: Human

Size: 100μg

Source: *Escherichia* coli-derived

Subcellular Location: Cell membrane; Single-pass

type I membrane protein Potential. Cell junction,

desmosome. Secreted, extracellular space.

[PROPERTIES]

Residues: Val32~Val309 (Accession # Q9BX67), with

N-terminal His-Tag.

Grade & Purity: >95%, 35kDa 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: 32.8kDa

Predicted isoelectric point: 6.2

[**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.

MG H H H H H H S G S E F - V N L K S S N R T P V V Q E F E S V E L S C I I T D S Q T S D P R I E W K K I QDEQTTYVFF DNKIQGDLAG RAEILGKTSL KIWNVTRRDS ALYRCEVVAR NDRKEIDEIV IELTVQVKPV TPVCRVPKAV PVGKMATLHC QESEGHPRPH YSWYRNDVPL PTDSRANPRF RNSSFHLNSE TGTLVFTAVH KDDSGQYYCI ASNDAGSARC EEQEMEVYDL NIGGIIGGVL VVLAVLALIT LGICCAYRRG YFINNKQDGE SYKNPGKPDG VNYIRTDEEG DFRHKSSFV