abcam

Product datasheet

Recombinant Mouse Cystatin C protein ab63286

1 Image

Description

Product name Recombinant Mouse Cystatin C protein

Purity > 95 % SDS-PAGE.

Please filter the product by an appropriate sterile filter before using it in cell culture.

Expression system Escherichia coli

Protein length Full length protein

Animal free No.

Nature Recombinant

Species Mouse

Sequence MRGSHHHHHH GMAS-ATPKQG PRMLGAPEEA

DANEEGVRRA LDFAVSEYNK GSNDAYHSRA
IQVVRARKQL VAGVNYFLDV EMGRTTCTKS
QTNLTDCPFH DQPHLMRKAL CSFQIYSVPW

KGTHSLTKFS CKNA

Specifications

Our Abpromise guarantee covers the use of ab63286 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Western blot

SDS-PAGE

Form Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Constituents: 0.242% Tris, 0.29% Sodium chloride

Reconstitution Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the

lyophilized pellet dissolve completely.

General Info

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Function As an inhibitor of cysteine proteinases, this protein is thought to serve an important physiological

role as a local regulator of this enzyme activity.

Tissue specificity Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level).

Expressed in various body fluids, such as the cerebrospinal fluid and plasma. Expressed in highest levels in the epididymis, vas deferens, brain, thymus, and ovary and the lowest in the

submandibular gland.

Involvement in disease Amyloidosis 6

Macular degeneration, age-related, 11

Sequence similarities Belongs to the cystatin family.

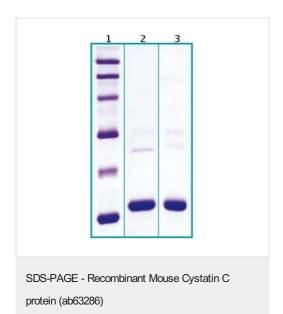
Post-translational The Thr-25 variant is O-glycosylated with a core 1 or possibly core 8 glycan. The signal peptide of

the O-glycosylated Thr-25 variant is cleaved between Ala-20 and Val-21.

Cellular localization Secreted.

Images

modifications



LANE 1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa. LANE 2. reduced and heated sample, 5µg/lane. LANE 3. non-reduced and non-heated sample,5µg/lane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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