RPB388Ca01 10μg

Recombinant Neutrophil Gelatinase Associated Lipocalin (NGAL)

Organism Species: Canis familiaris; Canine (Dog)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.
Host: *E. coli*
Residues: Ser23~Glu198
Tags: N-terminal His-Tag
Purity: >92%
Traits: Freeze-dried powder
Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Original Concentration: 200μg/mL
Applications: Positive Control; Immunogen; SDS-PAGE; WB.
(May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point: 6.8
Predicted Molecular Mass: 21.7kDa
Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.
Store at 2-8ºC for one month.
Aliquot and store at -80ºC 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 37ºC 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]

STPSLIPA PPPLKVPLQP DFQHDQFQGK
WYVIGIAGNI LKKEGHGQLK MYTTTYELKD DQSYNVTSTL LRNERCDYWN
RDFVPSFQPG QFSLGDIQLY PGVQSYLVQV VATNYNQYAL VYFRKVYKSQ
EYFKITLYGR TKELPLELKK EFIRFAKSIG LTEDHIIFPV PIDQCIDE

[IDENTIFICATION]

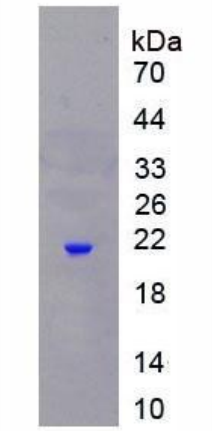

Figure 2. SDS-PAGE