

Recombinant Galectin 9 (GAL9) Instruction Manual

SIPA114Ca01

Canis familiaris; Canine (Dog)

| | |
|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Secreted |
| Predicted Molecular Mass | 51.7kDa |
| Accurate Molecular Mass | 53kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Phe17~Thr355 with Two N-terminal Tags, His-tag and SUMO-tag |
| Buffer Formulation | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |
| Traits | Freeze-dried powder |
| Purity | > 90% |
| Isoelectric Point | 9.2 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

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FSGK IQGGLQDGLK ITINGTILYC NGTRFAVNFH  
SGHSDSDIAF HFNPRFEEGG YVVCNTKQKG SWGSEERKMQ MPFQMGNPFE  
LCFMVNSCDF KVTVNGSHFT QYSHRVPFHY VDTLSITGAV QLSYISFQNT  
RVTITQPAFS TMQFPQTACF PPRPKGRKPK SPGVWQSSSA PITQTVIHTV  
QTTPGQPFPN PIIPPTAYPT PTYPMPFFTS IPGGLYPSKS IIVSGTVLPG  
AKRFHINLRS GNDIAFHLLNP RFNENTVVRN TQINNSWGSE ERS LPRKMPF  
VQGQSFVWI MCEGHCFKVA VDGEHLFEYY HRLKNLLAIN NMEVAGDVQL  
THVQT
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

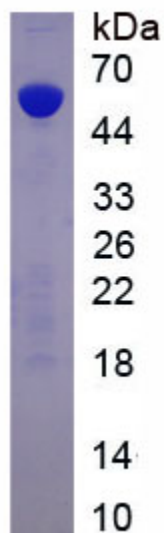


Figure. SDS-PAGE

[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.