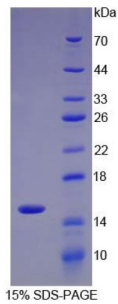
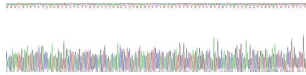


Rat Interleukin 34 (IL34) Protein

Catalogue No.: abx067528



SDS-PAGE analysis of recombinant Rat Interleukin 34 (IL34) Protein.



Gene sequencing extract of recombinant Rat Interleukin 34 (IL34) Protein.

Interleukin 34 (IL34) is a recombinant Rat protein produced in a Prokaryotic expression system (E. coli).

Target: Interleukin 34 (IL34)

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 97%

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q4KM46 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0
Revision date: 23 Feb 2025



KEGG: rno:498951

String: [10116.ENSARNOP00000023823](#)

Molecular Weight: Calculated MW: 12.1 kDa

Observed MW: 15 kDa

Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Asn21-Leu109

Sequence: NENLEIWTLA QDKECDLTGY LRGKLQYKNR LQYMKHYFPI NYRIAVPYEG VLRVANITRL
KAHVSEREL
R YLWVLSLNA TESVLDVLL

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 100 µg/ml

Note: This product is for research use only.
Not for human consumption, cosmetic, therapeutic or diagnostic use.