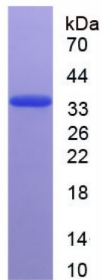
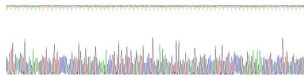


Rat Insulin Like Growth Factor Binding Protein 5 (IGFBP5) Protein

Catalogue No.: abx067256



SDS-PAGE analysis of IGFBP5 protein.



Gene sequencing (Extract) of IGFBP5 protein.

Rat Insulin Like Growth Factor Binding Protein 5 (IGFBP5) is a recombinant Rat protein produced in a Prokaryotic expression system (E. coli).

Target: Insulin Like Growth Factor Binding Protein 5 (IGFBP5)

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1-1.0 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.

Datasheet

Version: 3.0.0
Revision date: 13 Mar 2025



UniProt Primary AC: P24594 ([UniProt](#), [ExpASY](#))

KEGG: rno:25285

String: [10116.ENSRNOP00000023530](#)

Molecular Weight: Calculated MW: 29.2 kDa

Observed MW (SDS-PAGE): 35 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: His25-Glu271

Sequence: HCEPCD EKALSMCPPS PLGCELVKEP GCGCCMTCAL AEGQSCGVYT ERCAQGLRCL
PRQDEEKPLH AL
LHGRGVCL NEKSYGEQTK IERDSREHEE PTTSEMAEET YSPKVFRPKH TRISELKAEA
VKKDRRKLT
QSKFVGGAE NTAHPRVIPAP EMRQESDQGP CRRHMEASLQ EFKASPRMVP RAVYLPNCDR
KGFYKRKQC
K PSRGRKRGIC WCVDKYGMKL PGMEYVDGDF QCHAFDSSNV E

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 100 mM NaHCO₃, 500 mM NaCl, pH 8.3, containing 0.01% Sarcosyl and 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.