



## Galectin 3 (GAL3) Recombinant, Human

### Catalog number

154714

### Supplier

United States Biological

### Source:

Recombinant Human from E. coli

### Fragment

Met1~Ile250 (Accession No: P17931)

### Amino Acid Sequence

MGHHHHHSGS-MADNFSLHDA LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS YPGAYPGQAP  
PGAYPGQAPP GAYPGAPGAY PGAPAPGVYP GPPSGPGAYP SSGQPSATGA YPATGPYGAAP AGPLIVPYNL  
PLPGGVVPRM LITILGTVKP NANRIALDFQ RGNDVAFHFN PRFNENRRRV IVCNTKLDNN WGREERQSVF  
PFESGKPFKI QVLVEPDHFK VAVNDAHLLQ YNHRVKKLNE ISKLGISGDI DLTSASYTMI

### Epitope Tag

N-terminal His-Tag

### Molecular Weight

27.4kD

### Applications

Suitable for use in ELISA, Western Blot, Immunoprecipitation, SDS-PAGE.  
Other applications not tested.

### Recommended Dilutions

Optimal dilutions to be determined by the researcher.

### Included Protein Molecular Weight Marker

168631: Protein Molecular Weight Marker, Unstained Ready to use, No heating, diluting or reducing agents needed.

MW: 10kD, 14kD, 18kD, 22kD, 26kD, 33kD, 44kD, 70kD

Double intensity: 10kD, 18kD, 26kD

Supplied in 62.5mM Tris-H<sub>3</sub>PO<sub>4</sub>, pH 7.5, 1mM EDTA, 2% SDS, 100mM DTT, 1mM sodium azide, 0.01% bromo-phenol blue, 33% glycerol. Add 3-5ul/well for mini gels; 7ul/well for large gels. Store at -20°C Stable for 6 months after receipt.

### Storage and Stability

Lyophilized powder may be stored at -70°C. Stable for 6 months after receipt at -70°C. Reconstitute with sterile PBS. Aliquot to avoid repeated freezing and thawing. Store at -70°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### Note



Thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation by incubating the protein at 37°C for 48h, with no obvious degradation or precipitation observed. Protein loss is <5% within the expiration date under appropriate storage conditions.

**Formulation**

Supplied as lyophilized powder from PBS, pH 7.4, 5% sucrose, 0.01% sarcosyl. Reconstitute in sterile PBS, pH 7.3.

**Purity**

≥95% Endotoxin: 1EU/ug (LAL)

**Grade**

Highly Purified

**Storage**

-20°C

**MW**

27.4

**Antigen Modification**

Recombinant, E. coli