

PRODUCT DATA SHEET

Osteocrin Human E. coli

Cat. No.: RD172079100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Musclin, OSTN

Description:

Total 122 AA. MW: 13.6 kDa (calculated). UniProtKB acc.no. P61366. N-Terminal His-tag 16 AA.

Amino Acid Sequence:

MRGSHHHHHH GMASHMVDVT TTEAFDSGVI DVQSTPTVRE EKSATDLTAK LLLLDELVSL
ENDVIETKKK RSFSGFGSPL DRLSAGSVDH KGKQRKVDH PKRRFGIPMD RIGRNRLSNS RG

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in 0.05 M Acetate buffer, pH 4.0.

Reconstitution:

Add 0.1 M Acetate buffer pH 4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 μg/mL. In higher concentrations the solubility of this antigen is limited.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:
Western blotting

Note:
This product is intended for research use only.