

Datasheet for ABIN5709135

**Osteocalcin Protein (BGLAP) (AA 50-99) (GST tag)**[Go to Product page](#)**1** Image

## Overview

|                               |                                                    |
|-------------------------------|----------------------------------------------------|
| Quantity:                     | 100 µg                                             |
| Target:                       | Osteocalcin (BGLAP)                                |
| Protein Characteristics:      | AA 50-99                                           |
| Origin:                       | Rat                                                |
| Source:                       | Escherichia coli (E. coli)                         |
| Protein Type:                 | Recombinant                                        |
| Purification tag / Conjugate: | This Osteocalcin protein is labelled with GST tag. |
| Application:                  | SDS-PAGE (SDS)                                     |

## Product Details

|               |                                                          |
|---------------|----------------------------------------------------------|
| Sequence:     | YLNNGLGAPA PYPDPLEPHR EVCELNPNC D ELADHIGFQD AYKRIYGT TV |
| Purification: | SDS-PAGE                                                 |
| Purity:       | > 90 %                                                   |

## Target Details

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Target:           | Osteocalcin (BGLAP)                                                                    |
| Alternative Name: | OSTCN ( <a href="#">BGLAP Products</a> )                                               |
| Background:       | Constitutes 1-2 % of the total bone protein. It binds strongly to apatite and calcium. |
| Molecular Weight: | 33 kDa                                                                                 |
| UniProt:          | <a href="#">P04640</a>                                                                 |

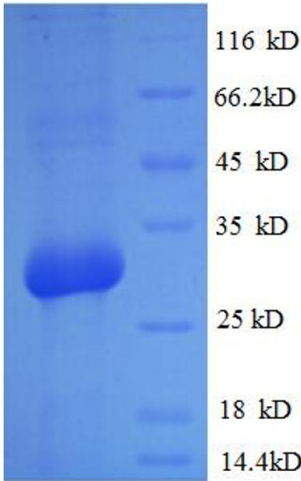
Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

Handling

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                                                |
| Concentration:   | 0.1-2 mg/mL                                                                                                                                                           |
| Buffer:          | 20 mM Tris-HCl based buffer, pH 8.0                                                                                                                                   |
| Storage:         | -80 °C,4 °C,-20 °C                                                                                                                                                    |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Images



SDS-PAGE

Image 1.