

## PRODUCT DATA SHEET

### Osteoblast Specific Factor 1 Human, Rabbit Polyclonal Antibody

**Cat. No.:** RD181044050

**Size:** 0.05 mg

**Source of Antigen:** E. coli

**Type:** Polyclonal Antibody

**Host:** Rabbit

#### Other Names:

Pleiotrophin, PTN, Heparin-binding growth-associated molecule, HB-GAM, Heparin-binding growth factor 8, HBGF-8, OSF-1, Heparin-binding neurite outgrowth-promoting factor 1, HBNF-1, Heparin-binding brain mitogen, HBBM

#### Preparation:

The antibody was raised in rabbits by immunization with the recombinant Human OSF-1.

#### Amino Acid Sequence of Immunogen:

The immunization antigen (17.3 kDa) is a protein containing 152 AA of recombinant Human OSF-1. N-Terminal His-tag and thrombin cleavage site 16 AA.

MKHHHHHHHM LVPRGSGKKE KPEKKVKKSD CGEWQWSVCV PTSGDCGLGT REGTRTGAEC  
KQTMKTQRCK IPCNWKQFG AECKYQFQAW GECDLNTALK TRTGLKRAL HNAECQKTVT  
ISKPCGKLTG PKPQAESKKK KKEGKKQEKM LD

#### Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human OSF-1.

#### Species Reactivity:

Human. Not yet tested in other species.

#### Antibody Content:

0.05 mg (determined by BCA method, BSA was used as a standard)

#### Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

#### Reconstitution:

Add 0.1 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

#### Shipping:

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

**Storage/Stability:**

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

**Quality Control:**

SDS PAGE - to determine purity of the antibody

BCA - to determine quantity of the antibody

**Applications:**

Western blotting

**Note:**

This product is for research use only.