



Recombinant Bone Morphogenetic Protein 2 (BMP2)

Catalog No.: TP05710 50µg

Sequence Information

Species: Human

Gene ID:650

Swiss Prot:P12643

Synonyms:BMP2A

Residues:Gln283-Arg396

QAKHKQRKRLKSSCKRHPLYVDFSDVGWWDWIVAPPGYHAFYCHGECPFPLADHLNSTNHAI VQTLVNS
VNSKI PKACCVPTELSAISMLYLDENEKVV LKNYQDMVVEGCGCR

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag and GST Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS (PH7.4) , containing 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.3

Predicted Molecular Mass: 42kDa

Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

