## **Recombinant Human FGF-5 protein(His Tag)**

Catalog Number:PKSH034150



Note: Centrifuge before opening to ensure complete recovery of vial contents.

**Description** 

Synonyms HBGF-5;Smag-82

Species Human
Expression Host E.coli

Sequence Ala 18-Gly 268

Accession P12034
Calculated Molecular Weight 28.5 kDa
Observed molecular weight 34 kDa
Tag C-His

**Properties** 

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 0.1 EU per  $\mu$ g of the protein as determined by the LAL method.

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation** Lyophilized from sterile PBS,pH 8.0.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

## **Background**

Plays an important role in the regulation of cell proliferation and cell differentiation. Required for normal regulation of the hair growth cycle. Functions as an inhibitor of hair elongation by promoting progression from anagen, the growth phase of the hair follicle, into catagen the apoptosis-induced regression phase.

## For Research Use Only

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