

Recombinant Human Fibroblast growth factor 2 protein(FGF2) (Active)

Catalog No: #AP73400

Orders: order@signalwayantibody.com

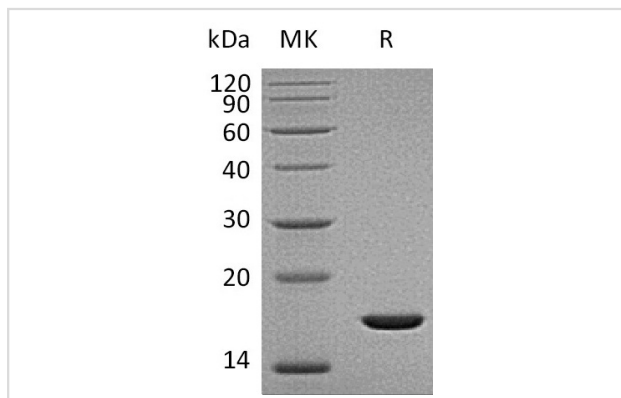
Package Size: #AP73400-1 10ug #AP73400-2 50ug #AP73400-3 500ug #AP73400-4 1mg

Support: tech@signalwayantibody.com

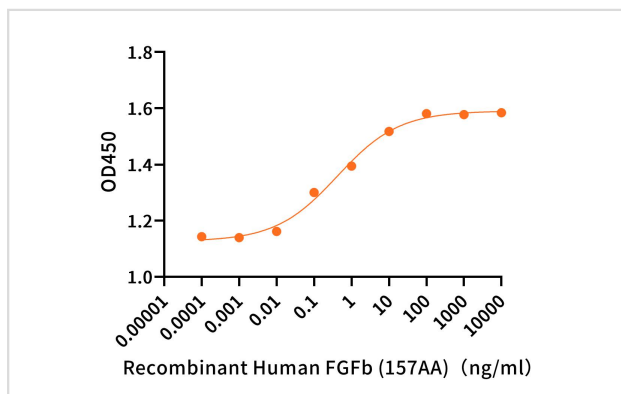
Description

Product Name	Recombinant Human Fibroblast growth factor 2 protein(FGF2) (Active)
Brief Description	Recombinant Protein
Purification	>96% as determined by SDS-PAGE and HPLC.
Other Names	FGF-2, bFGF, Heparin-binding growth factor 2, HBGF-2,
Accession No.	P09038
Uniprot	P09038
GeneID	2247;
Calculated MW	17.4 KDa
SDS-PAGE MW	16 KDa, reducing conditions
Formulation	Lyophilized from a 0.2 M filtered solution of 20mM Tris, 150mM NaCl, 3% Trehalose, 4% Mannitol, pH 7.5
Storage	Lyophilized protein should be stored at β -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at β -20°C for 3 months.

Images



SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE.



Cell Based Assay: Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 0.42 ng/ml (Regularly tested).

Background

Plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. Functions as potent mitogen in vitro. {ECO:0000269|PubMed:1721615, ECO:0000269|PubMed:8663044}.

References

PubMed ID: 3472745; 3780670; 2538817; 19054851; 15815621; 1785797; 2435575; 1721615; 8564983; 3579930; 2435284; 3964259; 3732516; 1417798; 1885605; 8663044; 10358027; 11509569; 11964394; 16257968; 18669637; 20230531; 15863030; 20094046; 22321063; 1769963; 1707542; 1849658; 1702556; 7691311; 11390973; 8885834

Research Topic:Cancer

Note: This product is for in vitro research use only