

Recombinant Human FGF1 protein ,C- His Tag

Catalog No :	YD2271
Reactivity :	Human
Purity :	>90% as determined by SDS-PAGE
In Vivo :	Please contact with the lab for this information.
Sequence :	A DNA sequence encoding the human FGF1(Phe16~Asp155) was fused with the C-terminal His Tag
Human Swiss Prot No :	P05230
Formulation :	Supplied as solution form in PBS pH 7.5./ Lyophilized from PBS pH 7.5.
Source :	E. coli
Dilution :	Reconstitute in sterile water for a stock solution
Concentration :	>90% as determined by SDS-PAGE
Storage Stability :	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Subcellular Location :	Secreted. Cytoplasm. Cytoplasm, cell cortex. Cytoplasm, cytosol. Nucleus. Lacks a cleavable signal sequence. Within the cytoplasm, it is transported to the cell membrane and then secreted by a non-classical pathway that requires Cu(2+) ions and S100A13. Secreted in a complex with SYT1 (By similarity). Binding of exogenous FGF1 to FGFR facilitates endocytosis followed by translocation of FGF1 across endosomal membrane into the cytosol. Nuclear import from the cytosol requires the classical nuclear import machinery, involving proteins KPNA1 and KPNB1, as well as LRRC59. .
Expression :	Predominantly expressed in kidney and brain. Detected at much lower levels in heart and skeletal muscle.

Products Images