

## Fibroblast Growth Factor 14 Human Recombinant

<b>Item Number</b>	rAP-2229
<b>Synonyms</b>	Fibroblast growth factor 14, FGF-14, Fibroblast growth factor homologous factor 4, FHF-4, FGF14, FHF4, SCA27, bA397O8.2.
<b>Description</b>	FGF14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 271 amino acids (1-247 a.a) and having a molecular mass of 30kDa.FGF14 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q92915
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMAAAIA SGLIRQKRQA REQHWDRPSA SRRRSSPSKN RGLCNGNLVD IFSKVRIFGL KKRRLRRQDP QLKGVITRLY CRQGYLQMH PDGALDGTKD DSTNSTLFNL IPVGLRVVAI QGVKTGLYIA MNGEGYLYPS ELFTPECKFK ESVFENYYVI YSSMLYRQQE SGRAWFLGLN KEGQAMKGNR VKKTKPAAHF LPKPLEVAMY REPSLHDVGE TVPKPGVTPS KSTSA- SAIMN GGKPVNKSKT T.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	FGF14 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 5mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**