



# Certificate of Analysis

## KGF-2/FGF-10 Protein, Human (Biotinylated, Primary Amine Labeling)

Cat. No.:	HY-P78123
Batch No.:	222016
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	O15520 (Q38-S208)
Gene ID:	2255
Molecular Weight:	Approximately 19.3 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Biotinylated Human FGF10, No tag immobilized on CM5 Chip can bind Human FGFR2 alpha IIIb, His tag with an affinity constant of 147.70 nM as determined in SPR assay (Biacore T200).	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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