Bioactive HuPro®

EREG (Human) Recombinant Protein

Catalog # P8570 Size 2 x 10 ug

Specification

Product Description	Human EREG (O14944, 63 a.a.- 108 a.a.) partial-length recombinant protein with hIgG-His-Tag at C-terminal expressed in HEK293 cells.
Sequence	DGSMVSITKCSSDMNGYCLHGQCIYLVDMSQNYCRCEVGYTGVRCEHFFLLEPKSCDKTHTCPP CPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDE LTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGN VFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH.
Host	Human
Theoretical MW (kDa)	32.6
Form	Liquid
Preparation Method	HEK 293T cell expression system
Purity	> 90% by SDS-PAGE
Activity	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED_{50} range ≤ 1ug/mL.
Storage Buffer	EREG protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — EREG

Entrez GeneID	2069
Protein Accession#	O14944
Gene Name	EREG
Gene Alias	ER
Gene Description	epiregulin
Omim ID	602061
Gene Ontology	Hyperlink
Gene Summary	Epiregulin is a member of the epidermal growth factor family. Epiregulin can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors. [provided by RefSeq
Other Designations	-

Pathway

- ErbB signaling pathway

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