

Bioactive

HuPro®

EREK (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 hlgG-His-Tag at C-terminal expressed in HEK293 cells.
Sequence	DGSMVSITKCSSDMNGYCLHGQCMLVDMSQNYCRCEVGYTGVRCEHFFLLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH.
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	EREK 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

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](#)