Recombinant Human EREG protein, hFc-tagged, Low Endotoxin

Cat. No. EREG-562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EREG protein(O14944)(Val63-Leu108), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	63-108 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 32.6 kDa. Due to glycosylation, the protein migrates to 37-42 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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GENE INFORMATION

Gene Name	EREG epiregulin [Homo sapiens]
Official Symbol	EREG
Synonyms	EREG; epiregulin; proepiregulin; ER;
Gene ID	2069
mRNA Refseq	NM_001432
Protein Refseq	NP_001423
MIM	602061
UniProt ID	O14944

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