Active Recombinant Human EGFL6 Protein, His-tagged

Cat. No. EGFL6-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGF-L6 (Asn22-Arg363) Protein with a His tag at C-terminal was expressed in HEK293 Cells.
Species	Human
Source	HEK293
ProteinLength	22-363 a.a.
Description	This gene encodes a member of the epidermal growth factor (EGF) repeat superfamily. Members of this superfamily are characterized by the presence of EGF-like repeats and are often involved in the regulation of cell cycle, proliferation, and developmental processes. The gene product contains a signal peptide, suggesting that it is secreted; an EGF repeat region consisting of 4 complete EGF-like repeats and 1 partial EGF-like repeat, 3 of which have a calcium-binding consensus sequence; an arg-gly-asp integrin association motif; and a MAM domain, which is believed to have an adhesive function. This gene is expressed early during development, and its expression has been detected in lung and meningioma tumors.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. Osada, A. et al. (2005) Exp. Cell Res. 303:148. The ED50 for this effect is 1-5 μg/mL.
Molecular Mass	40 kDa

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N-terminal Sequence Analysis	Asn22
Endotoxin	<0.10 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in MES and NaCl.
Reconstitution	Reconstitute at 500 μg/mL in PBS.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name	EGFL6 EGF like domain multiple 6 [Homo sapiens (human)]
Official Symbol	EGFL6 EGF like domain multiple 6 [Homo sapiens (human)]
Synonyms	EGFL6; EGF like domain multiple 6; W80; MAEG; epidermal growth factor-like protein 6; EGF repeat-containing protein 6; EGF-like protein 6; MAM and EGF domain containing; MAM and EGF domains-containing gene protein
Gene ID	25975

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mRNA Refseq	NM_015507
Protein Refseq	NP_056322
MIM	300239
UniProt ID	Q8IUX8

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