

Human EGFL6 Recombinant Protein



RPPB0173

Product Information Protein Information

Product SKU:

RPPB0173

Accession:

Q8IUJ8

Host:

HEK (Human embryonic kidney cells).

Protein description:

EGF Like Domain Multiple 6 Human Recombinant produced in HEK cells is a polypeptide chain starting at amino acid Asn at position 22 to amino acid Arg at position 363, fused to an FC, 6 x His-tag at C-terminus, containing a total of 348 amino acids and having a predicted molecular mass of 40-55kDa. The EGFL6 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

EGF Like Domain Multiple 6, MAM and EGF Domains-Containing Gene Protein, MAM and EGF Domain Containing, EGF-Like Protein 6, MAEG, EGF Repeat-Containing Protein 6, W80, EGFL6.

Formulation:

The EGFL6 protein was lyophilized from a 0.2µm filtered solution in 20mM MES and 500mM NaCl, pH 6.0 with 5% Trehalose.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized EGFL6 in sterile PBS at 500µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized EGFL6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EGFL6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

EGFL6 activity is determined by its ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. The expected ED50 for this effect is 1-5 µg/ml.