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Datasheet for ABIN7122804

Epiregulin Protein (EREG) (AA 60-108) (His-IF2DI Tag)

Overview

Quantity:	50 µg
Target:	Epiregulin (EREG)
Protein Characteristics:	AA 60-108
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Epiregulin protein is labelled with His-IF2DI Tag.
Application:	Western Blotting (WB), ELISA

Product Details

Purity:	Greater than 95 % as determined by SDS-PAGE
Sterility:	0.2 µm filtered

Target Details

Target:	Epiregulin (EREG)
Alternative Name:	EREG (EREG Products)
Background:	Epiregulin, EPR, ER, Ereg, EREG_HUMAN, Proepiregulin
Molecular Weight:	5.3 kDa
UniProt:	O14944
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin

Target Details

Signaling Pathway, Regulation of Muscle Cell Differentiation

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 µg/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex

Buffer: Lyophilized from a 0.2 µm filtered solution in 10 mM Hepes, 500 mM NaCl with 5 % trehalose, pH 7.4

Storage: 4 °C, -20 °C

Storage Comment: -20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution

Expiry Date: 12 months