

## Recombinant Human AREG 293 Cell Lysate

Cat. No. AREG-8762HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for amphiregulin (AREG) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION****Gene Name** [AREG amphiregulin \[ Homo sapiens \]](#)**Official Symbol** [AREG](#)**Synonyms** [AREG](#); [amphiregulin](#); [schwannoma derived growth factor](#) , [SDGF](#); [schwannoma-derived growth factor](#); [colorectum cell-derived growth factor](#); [AR](#); [SDGF](#); [AREGB](#); [CRDGF](#); [MGC13647](#);**Gene ID** [374](#)**mRNA Refseq** [NM\\_001657](#)**Protein Refseq** [NP\\_001648](#)**MIM** [104640](#)**UniProt ID** [P15514](#)**Chromosome Location** [4q13-q21](#)**Pathway** [ErbB receptor signaling network, organism-specific biosystem](#); [ErbB signaling pathway, organism-specific biosystem](#); [ErbB signaling pathway, organism-specific biosystem](#); [ErbB signaling pathway, conserved biosystem](#); Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA