

AREG active protein

Recombinant Human AREG

CATALOG #
AAA214278

HOST
E Coli

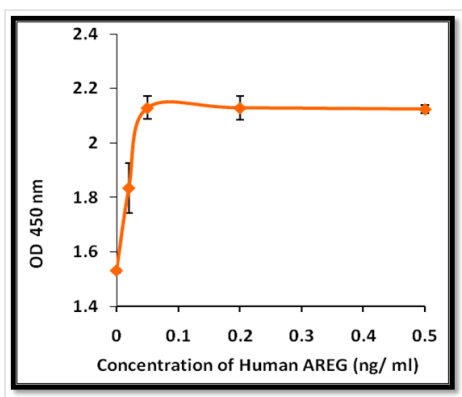
PRODUCT SYNONYMS

AREG; Recombinant Human AREG; AR; Colorectum cell-derived growth factor; CRDGF; Recombinant Human Amphiregulin (AREG); AREG active protein

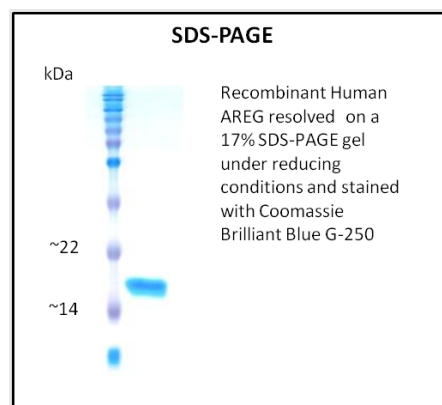
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS with BSA as a carrier protein
Sequence Length	252
Bioactivity	Measured in a cell proliferation assay using mouse embryonic fibroblast 3T3 cells. The ED(50) for this effect is <0.5 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	Reconstitute at 100 ug/mL in sterile PBS containing at least 0.1% human or bovine serum albumin
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for AREG active protein

Amphiregulin is a trans-membrane protein whose protease mediated digestion of the extracellular domain enables release of mature AR. Amphiregulin works to stimulate the proliferation of some animal keratinocytes, epithelial cells and fibroblasts. It has been shown that the mRNA expression of amphiregulin can be detected in numerous carcinoma cell lines and the epithelial cells of various human tissues, including colon, stomach, breast, ovary and kidney.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502199
NCBI GeneID	374
NCBI Accession #	NP_001648.1
NCBI GenBank Nucleotide #	NP_001648.1
UniProt Accession #	P15514
Molecular Weight	11.5 kDa
NCBI Official Full Name	amphiregulin preproprotein
NCBI Official Synonym Full Names	amphiregulin
NCBI Official Symbol	AREG
NCBI Official Synonym Symbols	AR; SDGF; AREGB; CRDGF
NCBI Protein Information	amphiregulin
UniProt Protein Name	Amphiregulin
UniProt Gene Name	AREG
UniProt Synonym Gene Names	SDGF; AR; CRDGF
UniProt Entry Name	AREG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/areg/214278>