

## Recombinant Human ARGLU1 protein, His-tagged

**Cat. No.** ARGLU1-7843H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ARGLU1 protein(63-191 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 63-191 aa                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. |
| <b>AASequence</b>       | TAVSRRRERDRERASSPPDRIDIFGRTVSKRSSLDEKQKREEEEEKKAEFERQQRKIRQQ<br>EIEEKLIEEETARRVEELVAKRVEEELEKRRKDEIEREVLRRVVEEAKRIMEKQLLEELER<br>QRQAELAAQKARE                                                                                                                                                             |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                      |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25                                                                                                                                                                                                                    |

 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

g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name** [ARGLU1 arginine and glutamate rich 1 \[ Homo sapiens \]](#)

**Official Symbol** [ARGLU1](#)

**Synonyms** [ARGLU1](#); arginine and glutamate rich 1; arginine and glutamate-rich protein 1; [FLJ10154](#); [RP11-297I6.1](#); [DKFZp686O08106](#);

**Gene ID** [55082](#)

**mRNA Refseq** [NM\\_018011](#)

**Protein Refseq** [NP\\_060481](#)

**MIM** [614046](#)

**UniProt ID** [Q9NWB6](#)

 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

## SDS-PAGE



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