

Code; RP871-500

Lot;

Size; 0.5mg



ProteinExpress

Acylamino-acid-releasing enzyme, AARE (Human , recombinant)

Package;	0.5mg
Alternative name;	APEH
Source;	Recombinant protein human Acyl-amino-acid releasing enzyme with a N-terminal 6-His tag, expressed in E. coli.
Sequence ;	MERQVLLSEPEEAAAALYRGLSRQPALSAACLGPVTTQYGGQYRTVHTEWTQRDLERMEN IRFCRQYLVFHDGDSVVFAGPAGNSVETRGELLSRESPSGTMKAVLRKAGGTGPGEKQFL EVWEKNRKLKSFNLSALEKHGVPYEDDCFGCLSWSHSETHLLYVAEKKRPKAESFFQTKAL DVSASDDEIARLKKPDQAIKGDQVFYEDWGENMVSKSIPVLCVLDVESGNISVLEGV PEN VSPGQAFWAPGDAGVVFVGWWHEPFRLGIRFCTNRRSALYYVDLIGGKCELLSDDSLAVS SPRLSPDQCRIVYLQYPSLIPHHQCSQLCLYDWYTKVTSVWVDVWPRQLGENFSGIYCSLLP LGCWSADSQRVVFDSAQRSRQDLFAVDTQVGTVTSLTAGGSGGSKLLTIDQDLMVAQF STPSLPPTLKVGF LPSAGKEQSVLWVSLEEAEPIDIHWGIRVLQPPPEQENVQYAGLDFEA ILLQPGSPDKTQVPMVVMPHGGPHSSFTAWMLFPAMLCKMGFAVLLVNYRGSTGFGQ DSILSLPGNVGHQDVKDVQFAVEQVLQEEHFDASHVALMGGSHGGFISCHLIGQYPETYR ACVARNPVINIASMLGSTDIPDWCVVEAGFPFSSDCLPDLVSWAEMLDKSPIRYIPQVKTPL LLMLGQEDRRVPFKQGM EYYRALKTRNVPVRLLLYPKSTHALSEVEVESDSFMNAVWLWLR T HLGS
MW;	80 kDa
Formulation;	Lyophilized in 5mM Phosphate buffer (pH7.2), 0.5mM EDTA.
Purity;	85%, as determined by SDS-PAGE visualized by CBB stain.
Specific activity;	3.4U/mg protein.
Unit Definition ;	One unit is defined as the amount of enzyme that produces 1μmol of Ac-L-Met per minute at 37°C, pH7.2, with Ac-L-Met-L-Ala as the substrate.
Storage;	Stored at -20°C. After reconstitution, store at 4°C and avoid freezing.
Reconstitution;	To reconstitute the lyophilized protein in 100μL sterile deionized water to a final concentration of 5.0mg/mL.

For Research Use Only. Not for use in diagnostic procedures

ProteinExpress Co., Ltd.

2-1-6, Kazusakamatari, Kisarazu-shi, Chiba 292-0818, Japan

Tel: +81-438-52-0112, Fax: + 81-438-52-0113

E-mail; service@proteinexpress.co.jp

URL; <http://www.proteinexpress.co.jp>