

Product: Enteropeptidase/Enterokinase, Light Chain, human, recombinant
Catalog #: 12-4325
Amount: 20 IU

DESCRIPTION: Recombinant human Enteropeptidase/Enterokinase, Light Chain (rHuEK)
Human enteropeptidase is a specific protease that cleaves after the sequence Asp-Asp-Aps-Aps-Lys. The light chain of enteropeptidase has full enzymatic activity. No other protease activity was detected. Human enteropeptidase binds specifically to STI-agarose.

SOURCE: *Escherichia coli* expression system

ENDOTOXIN: Less than 0.1 ng/μg (IEU/μg) of rHuEK

UNIT DEFINITION: One unit of human enteropeptidase will cleave 2 mg of thioredoxin/human EGF fusion protein with the Asp-Asp-Aps-Aps-Lys sequence at the joining point in 22 hours at 4°C, in 16 hours at 25°C or in 8 hours at 37°C.

FORM: Purified, in 50 mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol.

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.