

**PRODUCT: Enteropeptidase Substrate,
Fluorogenic****ALTERNATE NAME:** Acetyl-Asp-Asp-Asp-Asp-Lys-7-amino-4-(trifluoromethyl)coumaride; Enterokinase substrate**CATALOG #:** 9627-1, 5**AMOUNT:** 1 mg, 5 mg**PEPTIDE SEQUENCE:** Ac-DDDDK-AFC**MOLECULAR FORMULA:** C₃₄H₄₀N₇O₁₆F₃**MOLECULAR WEIGHT:** 859.73**CAS NUMBER:** N/A**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~10 mg/ml)**PURITY:** ≥95% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Enteropeptidase substrate is a useful fluorogenic substrate for determining the activity of the enzyme enteropeptidase/enterokinase. This enzyme recognizes a highly specific amino acid sequence 'DDDDK' and cleaves after the lysine residue releasing the AFC moiety that can be quantified using a fluorometer.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Enteropeptidase/Enterokinase Activity Fluorometric Assay Kit (**K758-100**)Enteropeptidase/Enterokinase Cleavage Kit (**K760-100**)Enteropeptidase/Enterokinase Inhibitor Screening Kit (**K759-100**)Enterokinase, Human Recombinant (**7136-10,50**)Enterokinase, Light Chian, Human Recombinant (**7529-10, 50, 500**)**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*