

**PRODUCT: Cathepsin Substrate,
Fluorogenic****ALTERNATE NAMES:** Ac-LR-AFC; Ac-Leu-Arg-AFC; Acetyl-Leu-Arg-7-amido-4(trifluoromethyl)-coumarin**CATALOG NUMBER:** B2043-5,25**AMOUNT:** 5 mg, 25 mg**PEPTIDE SEQUENCE:** Ac-Leu-Arg-AFC**MOLECULAR FORMULA:** C₂₄H₃₁F₃N₆O₅**MOLECULAR WEIGHT:** 540.54**CAS NUMBER:** N/A**APPEARANCE:** Lyophilized solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** A sensitive fluorogenic substrate for Cathepsin K. This substrate is also cleaved by cathepsin B, F, L, L2/V, S as well as by malaria parasite cysteine proteases falcipain-1, -2, -3, berghepain, and vivapain-2, -3**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Cathepsin B (1021)
Cathepsin B Activity Fluorometric Assay Kit (K140)
Cathepsin B Antibody (3190)
Cathepsin B Inhibitor Screening Kit (K147)
Cathepsin D (1022)
Cathepsin D Activity Fluorometric Assay Kit (K143)
Cathepsin D Antibody (3191R)
Cathepsin D Blocking Peptide (3191RBP)
Cathepsin D Inhibitor Screening Kit (Fluorometric) (K148)
Cathepsin F Antibody (3371)
Cathepsin F Blocking Peptide (3371BP)
Cathepsin G Activity Assay Kit, Fluorometric (K146)
Cathepsin G Antibody (3370)
Cathepsin G Inhibitor (1982)
Cathepsin K Activity Fluorometric Assay Kit (K141)
Procathepsin K, human recombinant (1026)
Procathepsin K, mouse recombinant (1027)
Procathepsin K, rat recombinant (1029)
Cathepsin K Antibody (3588, 3368)
Cathepsin K Blocking Peptide (3588BP, 3368BP)
Cathepsin L Activity Fluorometric Assay Kit (K142)
Cathepsin S Activity Fluorometric Assay Kit (K144)
Cathepsin S Inhibitor Screening Kit (K149)
Cathepsin S Antibody (3366, 3366R)
Cathepsin S Blocking Peptide (3366R)
Human CellExp™ Cathepsin S, human recombinant (7277)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans*