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Recombinant Human LRAP / ERAP2 Protein (His tag)

产品货号: TP07833

第三版

别名:FLJ23633;FLJ23701;FLJ23807;L-RAP;LRAP;LRAP.ERAP2

**描述:**Leukocyte-derived arginine aminopeptidase (LRAP), also known as endoplasmic reticulum-aminopeptidase 2 (ERAP2), is the second identified aminopeptidase localized in the in the luminal side of endoplasmic reticulum (ER) processing antigenic peptides presented to major histocompatibility complex (MHC) class I molecules. It is a 960-amino acid protein with significant homology to placental leucine aminopeptidase and adipocyte-derived leucine aminopeptidase. LRAP preferentially hydrolyzes the basic residues Arg and Lys, and contains the HEXXH(X)18E zinc-binding motif, which is the characteristic of the M1 family of zinc metallopeptidases which also includes PILS/ARTS1/ERAP1 and LNPEP/PLAP. Induced by interferon-gamma, LRAP is able to trim various MHC class I antigenic peptide precursors.

**配方:**PBS

**分子量:**106 kDa

**序列:**Ala 56-Thr 960

**纯度:**> 95% by HPLC

**浓度:**

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.