

AR51083PU-N

Human Cathepsin F (271-484, His-tag) - Purified

Alternate names:

CATSF, CTSF

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

Cathepsin F, also known as CTSF, belongs to the cathepsin family. Cathepsins are papain family cysteine proteinases that represent a major component of the lysosomal proteolytic system. The CTSF gene is ubiquitously expressed, and it maps to chromosome 11

Uniprot ID:

[Q9UBX1](#)

NCBI:

[NP_003784](#)

GeneID:

[8722](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Description:

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSAPPEWDW RSKGAVTKVK DQGMCGSCWA FSVTGNVEGQ
WFLNQGTLLS LSEQELLDCD KMDKACMGGL PSNAYSAIKN LGGLETEDDY SYQGHMQSCN
FSAEKAKVYI NDSVELSQNE QKLAAWLAKR GPISVAINAF GMQFYRHGIS RPLRPLCSPW
LIDHAVLLVG YGNRSDVPFW AIKNSWGTDW GEKGYLYLHR GSGACGVNTM AS

Molecular weight: 26 kDa (237aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Turk B., et al. (1997) Biol Chem. 378:141-150. Wang B., et al. (1998) J Biol. 273:32000-32008.

Pictures:

