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Product datasheet for AR51942PU-S

Cystatin-D (26-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Cystatin-D (26-142, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression cDNA Clone or AA Sequence:	QSRTLAGGIH ATDLNDKSVQ RALDFAISEY NKVINKDEYY SRPLQVMAAY QQIVGGVNYY FNVKFGRTTC TKSQPNLDNC PFNDQPKLKE EEFCSFQINE VPWEDKISIL NYKCRKVHHH HHH
Tag:	His-tag
Predicted MW:	14.36 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CST5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001891
Locus ID:	1473
UniProt ID:	P28325
Cytogenetics:	20p11.21
Synonyms:	CST5, Cystatin-5

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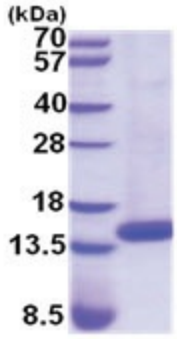
Summary: The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a protein found in saliva and tears. The encoded protein may play a protective role against proteinases present in the oral cavity. [provided by RefSeq, Jul 2008]

Product images:



15% SDS-PAGE (3ug)

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