

Product datasheet for AR51460PU-S

Cytokeratin 5 (1-590, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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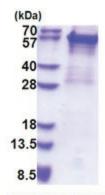
Product Type:	Recombinant Proteins
Description:	Cytokeratin 5 (1-590, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSRQSSV SFRSGGSRSF STASAITPSV SRTSFTSVSR SGGGGGGFG RVSLAGACGV GGYGSRSLYN LGGSKRISIS TSGGSFRNRF GAGAGGGYGF GGGAGSGFGF GGGAGGGFGL GGGAGFGGGF GGPGFPVCPP GGIQEVTVNQ SLLTPLNLQI DPSIQRVRTE EREQIKTLNN KFASFIDKVR FLEQQNKVLD TKWTLLQEQG TKTVRQNLEP LFEQYINNLR RQLDSIVGER GRLDSELRNM QDLVEDFKNK YEDEINKRTT AENEFVMLKK DVDAAYMNKV ELEAKVDALM DEINFMKMFF DAELSQMQTH VSDTSVVLSM DNNRNLDLDS IIAEVKAQYE EIANRSRTEA ESWYQTKYEE LQQTAGRHGD DLRNTKHEIS EMNRMIQRLR AEIDNVKKQC ANLQNAIADA EQRGELALKD ARNKLAELEE ALQKAKQDMA RLLREYQELM NTKLALDVEI ATYRKLLEGE ECRLSGEGVG PVNISVVTSS VSSGYGSGSG YGGGLGGGLG GGLGGGLAGG GSGSYYSSSS GGVGLSGGLS VGGSGFSASS GRGLGVGFGS GGGSSSSVKF VSTTSSSRKS FKS
Tag:	His-tag
Predicted MW:	64.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
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:	<u>NP 000415</u>
Locus ID:	3852
UniProt ID:	<u>P13647</u>



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	Cytokeratin 5 (1-590, His-tag) Human Protein – AR51460PU-S
Cytogenetics:	12q13.13
Synonyms:	CK5; DDD; DDD1; EBS2; K5; KRT5A
Summary:	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

Product images:



15% SDS-PAGE (3ug)

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