

Recombinant Human Keratin, type II cytoskeletal 6A(KRT6A)

Catalog No: #AP70486

Package Size: #AP70486-1 20ug #AP70486-2 100ug #AP70486-3 1mg

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Description

Product Name	Recombinant Human Keratin, type II cytoskeletal 6A(KRT6A)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-564aaSequence Info:Full Length
Other Names	Cytokeratin-6A ;CK-6ACytokeratin-6D ;CK-6DKeratin-6A ;K6AType-II keratin Kb6Allergen: Hom s 5
Accession No.	P02538
Calculated MW	63.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ASTSTTIRSHSSRRGFSANSARLPGVSRSGFSSVSVSRSGSGLGGACGGAGFGSRSLYGLGGSKRISIG GGSCAISGGYGSRRAGGSYGFGGAGSGFGFGGAGIGFGLGGAGLAGGFGGPGFPVCPGGIQQEVTVNQ LLTPLNLQIDPTIQRVRAEEREQIKTLNNKFASFIDKVRFLQKQNVLETWTLTLEQGTQTVRQNLPLFEQYI NNLRRQLDSIVGERGRDLSELRGMQDLVEDFKNKYEDEINKRTAAENEFVTLKKDVAAYMNKVELQAKADTL TDEINFLRALYDAELSQQMTHISDTSVLSMDNNRNLDSLIIAEVKAQYEEIAQRSRAEAESWYQTKYEELQV TAGRHGDDLRLNTKQIEAEINRMIRLRSEIDHVKKQCANLQAAIADAEQRGEMALKDAKNKLEGLDALQKAK QDLARLLKEYQELMNVKLALDVEIATYRKLEEGEERLNGEGVGQVNISVVQSTVSSGYGGASGVGSLGLG GGSSYSYGSLGVGGGFSSSSGRAIGGLSSVGGGSSTIKYTTTSSSSRSKSYKH
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Epidermis-specific type I keratin involved in wound healing. Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration. Participates in the regulation of epithelial migration by inhibiting the activity of SRC during wound repair.

References

Cloning and characterization of multiple human genes and cDNAs encoding highly related type II keratin 6 isoforms.Takahashi K., Paladini R.D., Coulombe P.A.J. Biol. Chem. 270:18581-18592(1995)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.