

Recombinant Human KRT2 protein, His&Myc-tagged

Cat. No. KRT2-8865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT2 protein(P35908)(1-639aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-639a.a.
Tag	His&Myc
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	72.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MSCQISCKSRGRGGGGGGFRGFSSGSAVVSOGSRRSTSSFCLSRHGGGGGGF
GGGGFGSRLVGLGGTKSISISVAGGGGGFGAAGGFGGRGGGFGGGSSFGGGSG
FSGGGFGGGGFGGGRFGGFGGPGGVGGLGGPGGFGPGGYPGGIHEVSVNQSL
QPLNVKVDPEIQNVKAQEREQIKTLNNKFASFIDKVRFLQNNQVLQTKWELLQOMN
VGTRPINLEPIFQGYIDSLKRYLDGLTAERTSQNSELNMMQDLVEDYKKKYEDEINKR
TAAENDFVTLKKDVDNAYMIKVELQSKVDLLNQEIEFLKVLDAEISQIHQSVTDTNVI
LSMDNSRNLDLSIAEVKAQYEEIAQRSKEEAELYHSKYEELQVTVGRHGDLSKEI
KIEISELNRVIRLQGEIAHVKKQCKNVQDAIADAEQRGEHALKDARNKLNDEEALQ
QAKEDLARLLRDYQELMNVLALDVEIATYRKLLGEECRMSSGDLSSNVTVSSTSST
ISSNVASKAAFGGSGGRGSSSGGGYSSGSSSYGSGGRQSGSRGGSGGGGSISGG
GYGSGGGSGGRYSGGGGSKGGSISGGGYGSGGGKHSSGGGSRGGSSSGGGYG
SGGGGSSSVKGSSGEAFGSSVTFSTR

GENE INFORMATION

Gene Name KRT2 keratin 2 [Homo sapiens]

Official Symbol KRT2

Synonyms KRT2; keratin 2; keratin 2A (epidermal ichthyosis bullosa of Siemens) , KRT2A; keratin, type II cytoskeletal 2 epidermal; epidermal ichthyosis bullosa of Siemens; KRTE; keratin-2e; cytokeratin-2e; keratin-2 epidermis; type-II keratin Kb2; epithelial keratin-2e; K2e; CK-2e; KRT2A; KRT2E; MGC116967; MGC116968;

Gene ID 3849

mRNA Refseq NM_000423

Protein Refseq NP_000414

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MIM	600194
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UniProt ID	P35908
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