

Recombinant Human KRT37 Protein, GST-tagged

Cat. No. KRT37-4849H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human KRT37 full-length ORF (AAI40320.1, 1 a.a. - 449 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq] |
| Molecular Mass | 75.79 kDa |
| AA Sequence | <p>MTSFYSTSSCPLGCTMAPGARNVVFSPIDVGCQPVAEANAASMCLLANVAHANRVR VGSTPLGRPSLCLPPTSHTACPLPGTCHIPGNIGICGAYGKNTLNGHEKETMKFLND RLANYLEKVRQLEQENAELETTLLERSKCHESTVCPDYQSYFRTIEELQQKILCSKAE NARLIVQIDNAKLAADDFRIKLESERSLHQLVEADKCGTQKLLDDATLAKADLEAQQE SLKEEQLSLKSNHEQEVKILRSQLGEKFRIELDIEPTIDLNRVLGEMRAQYEAMVETN HQDVEQWFQAQSEGISLQAMSCSEELQCCQSEILELRCTVNALEVERQAQHTLKDC LQNSLCEAEDRYGTELAQMQLISLNLEEQLSEIRADLERQNQEYQVLLDVKARLENE IATYRNLLESEDCKLPCNPCSTPASCTSCPSCGPVTGGSPSGHGASMGR</p> |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) |

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| | Antibody Production Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| GENE INFORMATION | |
| Gene Name | KRT37 keratin 37 [Homo sapiens] |
| Official Symbol | KRT37 |
| Synonyms | KRT37; keratin 37; keratin, hair, acidic, 7 , KRTHA7; keratin, type I cuticular Ha7; keratin-37; hair keratin, type I Ha7; keratin, hair, acidic, 7; HA7; K37; KRTHA7; |
| Gene ID | 8688 |
| mRNA Refseq | NM_003770 |
| Protein Refseq | NP_003761 |
| MIM | 604541 |
| UniProt ID | O76014 |

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