

## Recombinant Human LOR

**Cat. No.** LOR-28934TH    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human Loricrin with a N terminal proprietary tag: predicted molecular weight 60.83 kDa.                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 316 amino acids                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes loricrin, a major protein component of the cornified cell envelope found in terminally differentiated epidermal cells. Mutations in this gene are associated with Vohwinkels syndrome and progressive symmetric erythrokeratoderma, both inherited skin diseases. |
| <b>Molecular Weight</b> | 60.830kDa inclusive of tags                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | Proprietary Purification                                                                                                                                                                                                                                                            |
| <b>Storage buffer</b>   | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                                                                                                               |
| <b>Storage</b>          | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                                                                                           |

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**Sequences of amino acids**

MSYQKKQPTPQPPVDCVKTSGGGGGGGGGGGGGGCGFFGGG GSGGGSSGSGC  
 GYSGGGGYSGGGCGGGSSGGGGGGGIG GCGGSGGGSVKYSGGGGSSGGGSG  
 CFSSGGGGSGCFSSGG GGSSGGGSGCFSSGGGGSSGGGSGCFSSGGGGFSGQ  
 AV QCQSYGGVSSGGSSGGGSGCFSSGGGGGSGVCGYSGGGSGGGSGCGGGSS  
 GGS GSGYVSSQQVTQTSCAPQPSYGGGSS GGGGSGGSGCFSSGGGGGSSGCG  
 GGSSGIGSGCIISGG GSVCGGGSSGGGGGGSSVGGSGSGKGVPICHQTQQKQAP  
 T WPSK

**GENE INFORMATION**

**Gene Name** [LOR loricrin \[ Homo sapiens \]](#)

**Official Symbol** [LOR](#)

**Synonyms** LOR; loricrin;

**Gene ID** [4014](#)

**mRNA Refseq** [NM\\_000427](#)

**Protein Refseq** [NP\\_000418](#)

**MIM** [152445](#)

**Uniprot ID** [P23490](#)

**Chromosome Location** 1q21

**Function** protein binding; protein binding, bridging; structural constituent of cytoskeleton;  
 structural constituent of epidermis; structural molecule activity;

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