# Clarin 3 (CLRN3) ELISA Kit for Rat

## PRODUCT OVERVIEW

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| **Product Name** | Clarin 3 (CLRN3), ELISA Kit |
| **Full Product Name** | Rat Clarin 3 (CLRN3) ELISA Kit |
| **Product Gene Name** | CLRN3 elisa kit |
| **Species Reactivity** | Rat |
| **Preparation and Storage** | Store all reagents at 2-8 degree C |
| **Molecular Weight** | 25,321 Da |
| **Chromosome Location** | Chromosome: 10; NC_000010.10 (129676114..129691211, complement). Location: 10q26.2 |
| **3D Structure** | ModBase 3D Structure for Q8NCR9 |
| **Related Product Information for CLRN3 elisa kit** | MBS9312693 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Clarin 3 (CLRN3) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CLRN3. The ELISA analytical biochemical technique of the MBS9312693 kit is based on CLRN3 antibody-CLRN3 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CLRN3 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CLRN3. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%). |
| **Other Notes** | Small volumes of CLRN3 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLRN3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 22748685 |
| **NCBI GeneID** | 119467 |
| **NCBI Accession #** | NP_689524.1 |
| **UniProt Primary Accession #** | Q8NCR9 |
| **UniProt Secondary Accession #** | Q6MZX8 |
| **UniProt Related Accession #** | Q8NCR9 |
| **GenBank Nucleotide #** | NM_152311.3 |
| **NCBI Official Full Name** | clarin-3 |
| **NCBI Official Synonym Full Names** | clarin 3 |
| **NCBI Official Symbol** | CLRN3 |
| **NCBI Official Synonym Symbols** | TMEM12; USH3AL1 |
| **UniProt Protein Name** | Clarin-3 |
| **UniProt Synonym Protein Names** | Transmembrane protein 12; Usher syndrome type-3A-like protein 1 |
| **Protein Family** | Clarin |

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|---|---|
| **UniProt Gene Name** | CLRN3 |
| **UniProt Synonym Gene Names** | TMEM12; USH3AL1 |
| **UniProt Entry Name** | CLRN3_HUMAN |
| **NCBI Protein Information** | clarin-3; transmembrane protein 12; usher syndrome type-3A-like protein 1 |
| **UniProt Comments for CLRN3** | CLRN3: Belongs to the clarin family. 2 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: Membrane protein, integral; Membrane protein, multi-pass<br><br>Chromosomal Location of Human Ortholog: 10q26.2<br><br>Cellular Component: integral to membrane |
| **Research Articles on CLRN3** | **1.** The SNP rs6482992 in the CLRN3 gene had the smallest p value in analyses of the cognitive outcome. |
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