

Recombinant Human OCRL, His-tagged

Cat. No. OCRL-1442H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human OCRL protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 538-893aa |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

GENE INFORMATION

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| Gene Name | OCRL oculocerebrorenal syndrome of Lowe [Homo sapiens] |
| Official Symbol | OCRL |
| Synonyms | OCRL; oculocerebrorenal syndrome of Lowe; inositol polyphosphate 5-phosphatase OCRL-1; OCRL1; Lowe oculocerebrorenal syndrome protein; phosphatidylinositol polyphosphate 5-phosphatase; LOCR; NPHL2; INPP5F; OCRL-1; |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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| Gene ID | 4952 |
| mRNA Refseq | NM_000276 |
| Protein Refseq | NP_000267 |
| MIM | 300535 |
| UniProt ID | Q01968 |
| Chromosome Location | Xq25 |
| Pathway | 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), organism-specific biosystem; 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), conserved biosystem; 3-phosphoinositide degradation, organism-specific biosystem; 3-phosphoinositide degradation, conserved biosystem; Clathrin derived vesicle budding, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, conserved biosystem; |
| Function | hydrolase activity; phosphatidylinositol-4,5-bisphosphate 5-phosphatase activity; protein binding; |

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