

Recombinant Human OCRL, His-tagged

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

SPECIFICATION

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

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;

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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;