

Recombinant Human MIP, GST-tagged

Cat. No. MIP-886H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	179-263aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MIP major intrinsic protein of lens fiber [Homo sapiens]
Official Symbol	MIP
Synonyms	MIP; major intrinsic protein of lens fiber; lens fiber major intrinsic protein; AQP0; aquaporin 0; LIM1; MP26; MIP26;
Gene ID	4284

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mRNA Refseq	NM_012064
Protein Refseq	NP_036196
UniProt ID	P30301
Chromosome Location	12q13
Pathway	Aquaporin-mediated transport, organism-specific biosystem; Passive Transport by Aquaporins, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	structural constituent of eye lens; transporter activity; water channel activity;

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