

# Recombinant Human IPMK cell lysate

**Cat. No.** IPMK-866HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                     |
| <b>Size</b>           | 100 ul                                                                                                    |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Applications</b>   | Western Blot;                                                                                             |

## GENE INFORMATION

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IPMK inositol polyphosphate multikinase [ Homo sapiens ]                               |
| <b>Official Symbol</b> | IPMK                                                                                   |
| <b>Synonyms</b>        | IPMK; inositol polyphosphate multikinase; inositol 1,3,4,6-tetrakisphosphate 5-kinase; |
| <b>Gene ID</b>         | 253430                                                                                 |
| <b>mRNA Refseq</b>     | NM_152230                                                                              |
| <b>Protein Refseq</b>  | NP_689416                                                                              |
| <b>MIM</b>             | 609851                                                                                 |

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| <b>UniProt ID</b>          | Q8NFU5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 10q21.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pathway</b>             | 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), organism-specific biosystem; 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), conserved biosystem; 1D-myo-inositol hexakisphosphate biosynthesis V (from Ins(1,3,4)P3), organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, conserved biosystem; D-myo-inositol (1,4,5,6)-tetrakisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,4,5,6)-tetrakisphosphate biosynthesis, conserved biosystem; |
| <b>Function</b>            | ATP binding; inositol tetrakisphosphate 3-kinase activity; inositol-1,4,5-trisphosphate 3-kinase activity; inositol-1,4,5-trisphosphate 6-kinase activity; kinase activity; nucleotide binding; transferase activity;                                                                                                                                                                                                                                                                                                                                                                                       |