Recombinant Human PHYKPL Protein, GST-tagged

Cat. No. PHYKPL-4351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGC15875 full-length ORF (ENSP00000321290, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This is a nuclear gene encoding a mitochondrial enzyme that catalyzes the conversion of 5-phosphonooxy-L-lysine to ammonia, inorganic phosphate, and 2-aminoadipate semialdehyde. Mutations in this gene may cause phosphohydroxylysinuria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Molecular Mass	45.3 kDa
AA Sequence	MGKSIGNGHPVACVAATQPVARAFEATGVEYFNTFGGSPVSCAVGLAVLNVLEKEQ LQDHATSVGSFLMQLLGQQKIKHPIVGDVRGVGLFIGVDLIKDEATRTPATEEAAYLV SRLKENYVLLSTDGPGRNILKFKPPMCFSLDNARQVVAKLDAILTDMEEKVRSCETL RLQP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

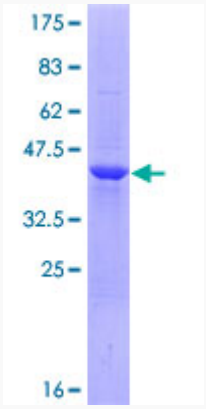
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	PHYKPL 5-phosphohydroxy-L-lysine phospho-lyase [Homo sapiens (human)]
Official Symbol	PHYKPL
Synonyms	PHYKPL; 5-phosphohydroxy-L-lysine phospho-lyase; PHLU; AGXT2L2
Gene ID	85007
mRNA Refseq	NM_153373
Protein Refseq	NP_699204
MIM	614683
UniProt ID	Q8IUZ5

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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