

Recombinant Human Pim-2 Oncogene, GST-His

Cat. No. PIM2-727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIM2, Amino acids M1-P311, N-terminally fused to GST-HIS6-Thrombin cleavage site, was expressed in Sf9 cells. MW = 64,096 Da.
Species	Human
Source	Sf9 Cells
Protein Length	1-311 a.a.
Description	PIM2 is a scoring system for rating the severity of medical illness for children, one of several ICU scoring systems. Its name stands for "Paediatric Index of Mortality". It has been designed to provide a predicted mortality for a patient by following a well defined procedure. Predicted mortalities are good when dealing with several patients, because the average predicted mortality for a group of patients is an indicator for the morbidity of these patients.
Purification	One-step affinity purification using GSH-agarose.
Product Identity	PIM2 was confirmed as PIM2 by specific Western Blotting using anti PIM2 antibody.
Storage Buffer	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol.
Concentration	0.216 µg/µl (Bradford method using BSA [Sigma, cat# A-7638, Lot 79H7641] as standard protein).

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Specific Activity 35 pmol/μg×min.

Storage -80°C. Avoid repeated freeze-thaw cycles!

GENE INFORMATION

Gene Name PIM2 pim-2 oncogene [Homo sapiens]

Synonyms PIM2; pim-2 oncogene; PIM; Proto-oncogene serine/threonine-protein kinase Pim-2; EC 2.7.11.1; Pim-2h

Gene ID 11040

mRNA Refseq NM_006875

Protein Refseq NP_006866

MIM 300295

UniProt ID Q9P1W9

Chromosome Location Xp11.23

Pathway Acute myeloid leukemia

Function ATP binding; nucleotide binding; transferase activity; protein serine/threonine kinase activity; metal ion binding

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