

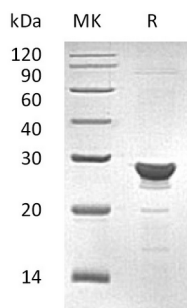
Product Name: Recombinant Human GSTZ1 (C-6His)
Catalog #: PEH0741



概述 (Summary)

英文全称	Glutathione S-Transferase ζ 1/GSTZ1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Glutathione S-Transferase Zeta 1 is produced by our E.coli expression system and the target gene encoding Met1-Ala216 is expressed with a 6His tag at the C-terminus.
Accession #	O43708
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	25.18 KDa
蛋白形态 (Form)	Supplied as a 0.2 μ m filtered solution of 50mM Tris-HCl, 1mM DTT, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names) Maleylacetoacetate Isomerase; MAAI; GSTZ1-1; Glutathione S-Transferase

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背景介绍 (References)

Zeta 1; GSTZ1

Maleylacetoacetate Isomerase (MAAI) belongs to the Glutathione S-Transferase super-family. MAAI encodes multifunctional enzymes in the detoxification of electrophilic molecules by conjugation with glutathione, for example, mutagens, carcinogens and several therapeutic drugs. MAAI is a bifunctional protein with low glutathione peroxidase activity with T-butyl and cumene hydroperoxides. MAAI can catalyze the glutathione dependent oxygenation of dichloroacetic acid to glyoxylic acid. But it has minimal glutathione-conjugating activity with 7-chloro-4-nitrobenz-2-oxa-1, ethacrynic acid 3-diazole and maleylacetoacetate isomerase activity.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.