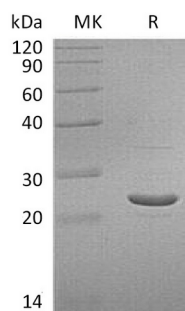


Product Name: Recombinant Human GSTP1
Catalog #: PEH0740

概述 (Summary)

英文全称	Glutathione S-transferase P/GSTP1/FAEES3/GST3
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Glutathione S-Transferase Pi 1 is produced by our E.coli expression system and the target gene encoding Met1-Gln210 is expressed.
Accession #	AAH10915.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	23.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, 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 ≤-70°C, stable for 6 months after receipt. Store at ≤-70°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)

Product Name: Recombinant Human GSTP1
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分子别名 (Alternative Names)

Glutathione S-transferase P; GSTP1; GST class-pi; GSTP1-1; FAEES3; GST3

背景介绍 (References)

Glutathione S-transferase P (GSTP1) is an enzyme that contains 1 GST C-terminal domain, 1 GST N-terminal domain. GSTP1 belongs to the GST superfamily, the GSTs are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. The glutathione S-transferase pi gene (GSTP1) is a polymorphic gene encoding active, functionally different GSTP1 variant proteins. Besides, it regulates negatively CDK5 activity via p25/p35 translocation to prevent neurodegeneration. It thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.