

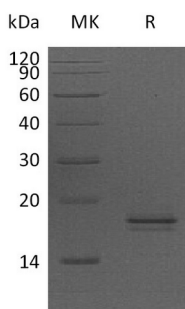
Product Name: Recombinant Human AG-2 (C-6His)
Catalog #: PHH0027



概述 (Summary)

英文全称	AG-2/HPC8/AGR2
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 Anterior Gradient Protein 2 Homolog is produced by our Mammalian expression system and the target gene encoding Arg21-Leu175 is expressed with a 6His tag at the C-terminus.
Accession #	O95994
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	18.85 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 10%Glycerol, 0.01%Tween80, pH8.0.
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)

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分子别名 (Alternative Names)

Anterior Gradient Protein 2 Homolog; AG-2; hAG-2; HPC8; Secreted Cement Gland Protein XAG-2 Homolog; AGR2; AG2

背景介绍 (References)

Anterior Gradient 2 (AGR2) is an 18-21 kDa member of the PDI family of enzymes. AGR2 is widely expressed in secretory cells, such as small intestine goblet, prostate epithelium, enteroendocrine cells, and multiple carcinoma cell types. AGR2 forms transient disulfide linkages with molecules destined for secretion, possibly aiding protein folding. Expression of AGR2 shows a positive correlation with expression of estrogen receptor in breast carcinoma and a negative correlation with expression of EGF receptor. Mature human AGR2 is 155 amino acids (aa) in length (aa 21 - 175). Cys81 is presumed to participate in intermolecular bond formation. Over aa 21 - 175, human AGR2 shares 94% aa identity with mouse AGR2.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.