

Recombinant Human Glutathione Reductase protein ab116160

描述

产品名称	重组人Glutathione Reductase蛋白
生物活性	Recombinant human GSR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P00390</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGSSHHHHHH SGLVPRGSH MGSM PKKVMWNTAV HSEFMHDHAD YGFPSCEGKF NWRVIKEKRD AYVSRLNAIY QNNTKSHIE IIRGHAAFTS DPKPTIEVSG KKYTAPHILI ATGGMPSTPH ESQIPGASLG ITSDGFFQLE ELPGRSVIVG AGYIAVEMAG ILSALGSKTS LMIRHDKVLR SFDSMISTNC TELENAGVE AMACRQ EPQPQPPPA AGAVASYDYL VIGGGSGGLA SARAAELGA RAAVVESHKL GGTCVNVGCV VLKFSQVKEV KKTLSGLEVS MVTAVPGRLP VMTMIPDVDC LLWAIGRVPN TKDLSLNKLG IQTDDKGHII VDEFQNTNVK GIYAVGDVCG KALLTPVAIA AGRKLAHRLF EYKEDSKLDY NNIPTVVFHSH PPIGTVGLTE DEAIHKYGIE NVKTYSTSFT PMYHAVTKRK TKCVMKMVCA NKEEKVVGIH MQGLGCDEML QGFAVAVKMG ATKADFDNTV AIHPTSSEEL VTLR </pre>
预测分子量	54 kDa including tags
氨基酸	106 to 522
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab116160** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	Recombinant human GSR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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常规信息

功能	Maintains high levels of reduced glutathione in the cytosol.
序列相似性	Belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family.
结构域	Each subunit can be divided into 4 domains that are consecutive along the polypeptide chain. Domains 1 and 2 bind FAD and NADPH, respectively. Domain 4 forms the interface.
细胞定位	Cytoplasm and Mitochondrion.

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