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XG, 22-142aa, Human, His tag, E.coli

产品货号: TP04511

第三版

别名: Glycoprotein Xg isoform 1 precursor, PBDX

描述: XG is the XG blood group antigen, and is at the pseudoautosomal boundary on the short (p) arm of chromosome X. The three 5' exons reside in the pseudoautosomal region and the remaining exons within the X-specific end. A truncated copy of this gene is found on the Y chromosome at the pseudoautosomal boundary. It is transcribed, but not expected to make a Y-chromosome specific gene product. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Recombinant human XG protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 15.5 kDa (144aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSQRDFDLADALDDPEPTKKPNSDIYPKPKPPYYPQPENPDSSGGNIYPRPKPRPQPQPG
NSGNSGGYFNDVDRDDGRYPPRRPRPPAGGGGGYSSYGNSDNTHGDDHHSTYGNPEGNMVAK

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.