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32-5256: Recombinant Human XG Blood Group

Alternative Name : Glycoprotein Xg isoform 1 precursor,PBDX,Glycoprotein Xg,PBDX,XG.

Description

Source : E.coli. XG Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (22-142a.a) and having a molecular mass of 15.5kDa. XG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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 are located in the pseudoautosomal area and the remaining exons within the X-specific end. A shorted copy of XG is found on the Y chromosome at the pseudoautosomal boundary. XG is transcribed, although not expected to make a Y-chromosome specific gene product.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	XG protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSQRDFDLA DALDDPEPTK KPNSDIYPKP KPPYYPQPEN PDSGGNIYPR PKPRPQPQPG NSGNSGGYFN DVDRDDGRYP PRPRPRPPAG GGGGGYSSYG NSDNTHGGDH HSTYGNPEGN MVAK.

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