

Recombinant Human XG Protein, His-tagged

Cat. No. XG-695H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human XG (NP_001135392.1) (Met1-Lys143) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys143
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human XG consists 133 amino acids and predicts a molecular mass of 14.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name XG Xg blood group [Homo sapiens]

Official Symbol XG

Synonyms

XG; Xg blood group; PBDX, Xg blood group (pseudoautosomal boundary divided on the X chromosome); glycoprotein Xg; XG glycoprotein; Xg blood group (pseudoautosomal boundary-divided on the X chromosome); PBDX; MGC118758; MGC118759; MGC118760; MGC118761;

Gene ID 7499

mRNA Refseq NM_001141919

Protein Refseq NP_001135391

UniProt ID P55808

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