
Recombinant Human GPX7 / Glutathione Peroxidase 7 Protein (Fc tag)**Cat.NO.: TP06334**

3th Edition

Synonyms:GPX7, GPX6

Description:GPX7 gene contains 3 distinct gt-ag introns. Transcription produces 4 different mRNAs, 3 alternatively spliced variants and 1 unspliced form. There are 5 validated alternative polyadenylation sites. The mRNAs appear to differ by overlapping exons with different boundaries. GPX7 is an enzyme. It has molecular functions (glutathione peroxidase activity, oxidoreductase activity) and to localize in various compartments (extracellular space, extracellular region). GPX7 gene has been proposed to participate in pathways (Arachidonic acid metabolism, Glutathione metabolism) and processes (oxidation reduction, response to oxidative stress). GPX7 modulates the bone turnover after ovariectomy in rats, it does not compensate for the action of estrogen after ovariectomy in rats. It has been shown that three mAbs (GPX7, GPX22 and GPZ35) inhibit IL-6-mediated biological responses such as Ig production in a human B cell line and proliferative responses of a human Lennert's lymphoma-derived T cell line, a human myeloma cell line, and a mouse pro-B cell line-derived transfectant expressing human gp130.

Form:PBS**Molecular Weight:****Sequences:****Purity:**> 95% by HPLC**Concentration:****Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.