

Product Datasheet

Ceruloplasmin Protein, Human, Recombinant (His & Myc) (orb1978834)

Description	Ceruloplasmin is a blue, copper-binding (6-7 atoms per molecule) glycoprotein. It has ferroxidase activity oxidizing Fe(2+) to Fe(3+) without releasing radical oxygen species. It is involved in iron transport across the cell membrane. Provides Cu(2+) ions for the ascorbate-mediated deaminase degradation of the heparan sulfate chains of GPC1. May also play a role in fetal lung development or pulmonary antioxidant defense. Ceruloplasmin Protein, Human, Recombinant (His & Myc) is expressed in E. coli expression system with N-10xHis and C-Myc tag. The predicted molecular weight is 35.4 kDa and the accession number is P00450.
Storage	-20°C
Tag	N-10xHis, C-Myc
Note	For research use only
Application notes	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Protein Sequence	ILGPQLHADVGDVKVIFKNMATRPYSIHAHGVQTESSTVTPTLPGETLTYVWKIPERSGAGT EDSACIPWAYYSTVDQVKDLYSGLIGPLIVCRRPYLKVFNPRRKLEFALLFLVFDENESWYLD DNIKTYSDHPEKVNKDDEEFIESNKMHAINGRMFGNLQGLTMHVGDEVNWYLMGMGNEI DLHTVHFHGHFSFYKHRGVYSSDVDFIFPGTYQTLEMFPRTPGIWLLHCHVTDHIHAGM
Purity	98.00%
MW	35.4 kDa (predicted)
Uniprot ID	P00450
Expiration Date	6 months from date of receipt.

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