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## Product Datasheet

### Recombinant human ACO1 protein NBS-PAT-V11603-50

Article Name	Recombinant human ACO1 protein
Biozol Catalog Number	NBS-PAT-V11603-50
Supplier Catalog Number	PAT-V11603-50
Alternative Catalog Number	NBS-PAT-V11603-50
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP
Species Reactivity	Human
Product Description	ACO1 (aconitate hydratase) plays a role as an iron sensor. This enzyme catalyzes the stereo-specific isomerization of citrate to isocitrate via cis-aconitate in the tricarboxylic acid cycle, a non-redox-active process. Recombinant human ACO1 protein,...
Concentration	0.5 mg/ml
Molecular Weight	100.8 kDa (912aa)
Tag	HIS Tag
NCBI	<a href="#">48</a>
UniProt	<a href="#">P21399</a>
Buffer	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 100mM NaCl
Purity	>90%

Sequence

MSNPFAH LAEPLDPVQP GKKFFNLNKL EDSRYGRLPF SIRVLEAAI  
RNCDEFLVKK QDIENILHWN VTQHKNIEVP FKPARVILQD FTGVPVAVDF  
AAMRDAVKKL GGDPEKINPV CPADLVIDHS IQVDFNRRAD SLQKNQDLEF  
ERNRERFEFL KWGSQAFHNM RIIPPGSGII HQVNLEYLAR VVFDQDGYYY  
PDSLVTGTDH TTMIDGLGIL GWGVGGIEAE AVML