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## Product Datasheet

### Recombinant human ACO1 protein NBS-PAT-V11603-10

|                            |   |
|----------------------------|---|
| Article Name               | Recombinant human ACO1 protein  |
| Biozol Catalog Number      | NBS-PAT-V11603-10   |
| Supplier Catalog Number    | PAT-V11603-10   |
| Alternative Catalog Number | NBS-PAT-V11603-10   |
| 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