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## Product Datasheet

### Recombinant human ALDH5A1 protein NBS-PAT-H91EBF-50

Article Name	Recombinant human ALDH5A1 protein
Biozol Catalog Number	NBS-PAT-H91EBF-50
Supplier Catalog Number	PAT-H91EBF-50
Alternative Catalog Number	NBS-PAT-H91EBF-50
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP
Species Reactivity	Human
Product Description	ALDH5A1 belongs to the aldehyde dehydrogenase family of proteins. This protein functions as a mediate the NADP+-dependent oxidation of aldehydes into acids and plays an important role in the detoxification of alcohol-derived acetaldehyde, as well as ...
Concentration	0.5 mg/ml
Molecular Weight	54.6 kDa (509aa) confirmed by MALDI-TOF
Tag	HIS Tag
NCBI	<a href="#">7915</a>
UniProt	<a href="#">P51649</a>
Buffer	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl, 1mM EDTA.
Purity	>90%

Sequence

AGRLAGLSA ALLRTDSFVG GRWLPAAATF PVQDPASGAA LGMVADCGVR  
EARRAAVRAAY EAFCRWREVS AKERSLLRK WYNLMIQNKD DLARIITAES  
GKPLKEAHGE ILYSAFFLEW FSEEARRVYG DIIHTPAKDR RALVLKQPIG  
VAAVITPWNF PSAMITRKVG AALAAGCTVV VKPAEDTPFS ALALAEASQ  
AGIPSGVYNV IPCSRKNAKE VGEAICTDPL VS