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Product Datasheet

Recombinant human Arginase 1/ARG1 protein NBS-PAT-544JZ2-100

Article Name	Recombinant human Arginase 1/ARG1 protein
Biozol Catalog Number	NBS-PAT-544JZ2-100
Supplier Catalog Number	PAT-544JZ2-100
Alternative Catalog Number	NBS-PAT-544JZ2-100
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP, FA
Species Reactivity	Human
Product Description	Arginase is a manganese-containing enzyme which catalyzes the hydrolysis of arginine to ornithine and urea. It is the final enzyme of the urea cycle. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue dist...
Concentration	0.5 mg/ml
Molecular Weight	35.8 kDa (330aa) confirmed by MALDI-TOF
Tag	HIS Tag
NCBI	383
UniProt	P05089
Buffer	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl
Purity	>85%

Sequence

MSAKSRTIGI IGAPFSKGQP RGGVEEGPTV LRKAGLLEKL KEQECDVKDY
GDLPFADIPN DSPFQIVKNP RSVGKASEQL AGKVAEVKKN GRISLVLGGD
HSLAIGSIG HARVHPDLGV IWVDAHTDIN TPLTTTSGNL HGQPVSFLLK
ELKGKIPDVP GFSWVTPCIS AKDIVYIGLR DVDPGEHYIL KTLGIKYFSM
TEVDRLGIGK VMEETLSYLL GRKKRPIHLS F