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## Product Datasheet

### Human Arginase 1 protein, His tag, Unconjugated GTX00168-PRO

Article Name	Human Arginase 1 protein, His tag, Unconjugated
Biozol Catalog Number	GTX00168-PRO
Supplier Catalog Number	GTX00168-pro
Alternative Catalog Number	GTX00168-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	<a href="#">383</a>
UniProt	<a href="#">P05089</a>
Buffer	Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300.
Expression System	E. coli
Form	Lyophilized powder
Sequence	Full length protein, N-terminal His-Tag, Met1~Lys322 (NP_000036.2)

Application Notes

Arginase (Arg) is an enzyme that catalyzes the degradation of arginine to produce urea and ornithine, which is crucial in the urea cycle. In most mammals, two isozymes of this enzyme exist, the first, Arginase I, functions in the urea cycle, and is located