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## Product Datasheet

### Glucarpidase, Recombinant Carboxypeptidase G2, Chinese Hamster CRM-THP-0121

Article Name	Glucarpidase, Recombinant Carboxypeptidase G2, Chinese Hamster
Biozol Catalog Number	CRM-THP-0121
Supplier Catalog Number	THP-0121
Alternative Catalog Number	CRM-THP-0121-1
Manufacturer	Creative BioMart
Host	Chinese Hamster
Category	Proteine/Peptide
Molecular Weight	Predicted Molecular Mass: 25 kDa, SDS-PAGE: 29-39 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Application Notes	These granules fuse with phagosomes, enabling Neutrophil Elastase to participate in the digestion and killing of endocytosed microbes. It also can degrade multiple extracellular matrix proteins including Elastin and Fibronectin. In the lung, this activity contributes to pathology in emphysema, cystic fibrosis, and adult respiratory distress syndrome (ARDS).