

Recombinant Human Mimecan(OGN)

Catalog No: #AP70605

Package Size: #AP70605-1 20ug #AP70605-2 100ug #AP70605-3 1mg

Description

Product Name	Recombinant Human Mimecan(OGN)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-298aaSequence Info:Full Length
Other Names	OsteoglycinOsteoinductive factor ;OIF
Accession No.	P20774
Calculated MW	35.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PPTQQDSRIIYDYGTDNFEEISIFSQDYEDKYLDGKNIKEKETVIIPNEKSLQLQKDEAITPLPPKKENDEMPCTLL CVCLSGSVYCEEVDIDAVPPLPKESAYLYARFNKIKKLTAKDFADIPNLRRDLFTGNLIEDIEDGTFSKLSLLEEL SLAENQLLKLPVLPKLTFLNAKYNNIKSRGIKANAFKKLNNLTFLYLDHNALESVPLNLPESLRVIHLQFNNIASI TDDTFCKANDTSYIRDRIIEIRLEGNPVILGKHPNSFICKRLPIGSYF
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2.

References

Molecular cloning of a novel bone-forming compound osteoinductive factor.Madisen L., Neubauer M., Plowman G., Rosen D.M., Segarini P.R., Dasch J.R., Thompson A.Y., Ziman J., Bentz H., Purchio A.F.DNA Cell Biol. 9:303-309(1990)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.