

Mimecan Recombinant Protein | MIME recombinant protein

Recombinant Human Mimecan

CATALOG # AAA309736	HOST E Coli	REACTIVITY Human
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PRODUCT SYNONYMS

Mimecan; Recombinant Human Mimecan; Osteoglycin; Osteoinductive factor; OIF; MIME recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer50% glycerol
Sequence Positions	Full Length, 21-298aa
Sequence	PPTQQDSRII YDYGTDNFEE SIFSQDYEDK YLDGKNIKEK ETVIIPNEKS LQLQKDEAIT PLPPKKENDE MPTCLLCVCL SGSVYCEEVD IDAVPPLPKE SAYLYARFNK IKKLTAKDFA DIPNLRRDLDF TGNLIEDIED GTFSKLSLLE ELSLAENQLL KLPVLPPKLT LFNAKYNNKIK SRGIKANAFK KLNNLTFLYL DHNALESVPL NLPESLRVIH LQFNNIASIT DDTFCKANDT SYIRDRIEEI RLEGNPIVLG KHPNSFICKL RLPIGSYF
Tag Info	N-terminal 6xHis-tagged
Preparation and 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.

ADDITIONAL INFORMATION

Related Product Information for MIME recombinant protein	Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7661704
NCBI GeneID	4969
NCBI Accession #	NP_054776.1
NCBI GenBank Nucleotide #	NM_014057.4
UniProt Accession #	P20774 ; Q6FIB0 ; Q9UF90 ; Q9UNK5
Molecular Weight	35.7 kDa
NCBI Official Full Name	mimecan isoform 2
NCBI Official Synonym Full Names	osteoglycin
NCBI Official Symbol	OGN

NCBI Official Synonym Symbols	OG; OIF; SLRR3A
NCBI Protein Information	mimecan
UniProt Protein Name	Mimecan
UniProt Gene Name	OGN
UniProt Synonym Gene Names	OIF; SLRR3A; OIF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ogn-recombinant-protein-e-coli/309736>