

OGN/Osteoglycin Recombinant Protein | OGN recombinant protein

OGN/Osteoglycin Protein, Human, Recombinant (His Tag)

CATALOG #
AAA258021

HOST
HEK293 Cells-derived Human OGN / osteoglycin protein

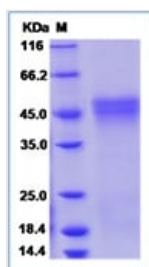
PRODUCT SYNONYMS

OGN/Osteoglycin; OGN/Osteoglycin Protein; Human; Recombinant (His Tag); Human OGN/osteoglycin protein (His Tag); OG Protein; OIF Protein; SLRR3A Protein; osteoglycin; OGN recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells-derived Human OGN / osteoglycin protein
Purity/Purification	≥95% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-Phe298
Species	Human
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	Pro 21
Tag	C-His
Protein Construction	A DNA sequence encoding the human OGN (NP_054776.1)(Met1-Phe298) was expressed with a polyhistidine tag at the C-terminus.
Reconstitution	Reconstituted with sterile deionized water to 0.25 mg/mL.
Molecular Mass	The recombinant human OGN consists of 289 amino acids and predicts a molecular mass of 33.2 kDa.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.

IMAGES



SDS-PAGE

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	33,922 Da
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
UniProt Entry Name	MIME_HUMAN

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-hek293/258021>