

Product Datasheet

Recombinant Human Opticin His Protein NBP2-51922-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-51922-0.1mg

Recombinant Human Opticin His Protein

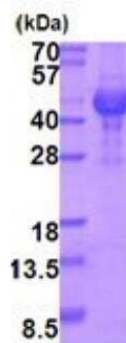
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>85%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol
Target Molecular Weight	37.6 kDa

Product Description	
Description	<p>A denatured recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 20-332 of Human Opticin</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MGSASLPKE RKRREEQMPR EGDSFEVLPL RNDVLNPDNY GEVIDLSNYE ELTDYGDQLP EVKVTSLAPA TSISPAKSTT APGTPSSNPT MTRPTTAGLL LSSQPNHGLP TCLVCVCLGS SVYCDDIDLE DIPPLPRRTA YLYARFNRI RIRAEDFKGL TKLKRIDLSN NLISSIDNDA FRLHALQDL ILPENQLEAL PVLPSGIEFL DVRLNRLQSS GIQPAAFRAM EKLQFLYLSL NLLDSIPGPL PLSLRSVHLQ NLIETMQRD VFCDPEEHKH TRRQLEDIRL DGNPINLSLF PSAYFCLPRL PIGRFT</p>
Gene ID	26254
Gene Symbol	OPTC
Species	Human

Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page
Application Notes	Denatured protein is most likely not the best option for functional studies. It is better suited for Western Blot (WB) or imaging assays.

Images

SDS-Page: Recombinant Human Opticin Protein [NBP2-51922] - 15% SDS Page (3 ug)



15% SDS-PAGE (3ug)

Publications

Liu X, Xing Y, Liu X et al. Opticin Ameliorates Hypoxia-Induced Retinal Angiogenesis by Suppression of Integrin alpha2-I Domain-Collagen Complex Formation and RhoA/ROCK1 Signaling Investigative ophthalmology & visual science 2022-01-03 [PMID: 35006271]





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Products Related to NBP2-51922-0.1mg

NBP2-55115PEP	Opticin Recombinant Protein Antigen
DVE00	VEGF [HRP]
AF3547	Opticin Antibody
MMP200	MMP-2 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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