Product Datasheet

Recombinant Human p62/SQSTM1 His Protein NBP1-44490

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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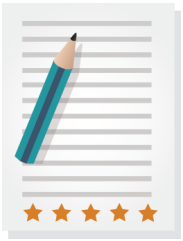
Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-44490

Updated 10/23/2024 v.20.1



NBP1-44490

Recombinant Human p62/SQSTM1 His Protein

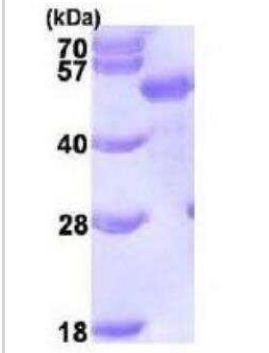
Product Information	
Unit Size	0.1 mg
Concentration	.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>85%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1 mM DTT
Target Molecular Weight	39.7 kDa

Product Description	
Description	A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 1-356 of Human p62/SQSTM1 **Source:** *E.coli* **Amino Acid Sequence:** MAMSYVKDDI FRIYIKEKKE CRRDHRPPCA QEAPRNMVHP NVICDGCNGP VVGTRYKCSV CPDYDLCSVC EGKGLHRGHT KLAFPSPFGH LSEGFSHSRW LRKVKHGHFG WPGWEMGPPG NWSPRPPRAG EARPGPTAES ASGPSEDPSV NFLKNVGESV AAALSPLGIE VDIDVEHGGK RSRLTPVSPE SSSTEEKSSS QPSSCCSDPS KPGGNVEGAT QSLAEQMRKI ALESEGRPEE QMESDNCSGG DDDWTHLSSK EVDPSTGELQ SLQMPESEGP SSLDPSQEGP TGLKEAALYP HLPPEADPRL IESLSQMLSM GFSDEGGWLT RLLQTKNYDI GAALDTIQYS KHPPPLLEHH HHHH
Gene ID	8878
Gene Symbol	SQSTM1
Species	Human

Product Application Details	
Applications	In vitro assay, SDS-Page
Recommended Dilutions	In vitro assay, SDS-Page

Images

SDS-Page: Recombinant Human p62/SQSTM1 Protein [NBP1-44490] - p62/SQSTM1 Protein SQSTM1, 39.7 kDa (364aa), confirmed by MALDI-TOF with a purity of 90% by SDS - PAGE



15% SDS-PAGE (3ug)

Publications

Donohue E, Balgi AD, Komatsu M et al. Induction of Covalently Crosslinked p62 Oligomers with Reduced Binding to Polyubiquitinated Proteins by the Autophagy Inhibitor Verteporfin PLoS One. 2014-12-09 [PMID: 25494214] (In vitro, Human)

Ryzhikov M, Ehlers A, Steinberg D et al. Diurnal Rhythms Spatially and Temporally Organize Autophagy Cell Rep 2019-02-12 [PMID: 30759397] (PAGE, Human)

Haspel J, Shaik RS, Ifedigbo E et al. Characterization of macroautophagic flux in vivo using a leupeptin-based assay. Autophagy 2011-06-01 [PMID: 21460622] (Mouse)

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Products Related to NBP1-44490

NBP1-42822PEP	p62/SQSTM1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
H00008878-M01	p62/SQSTM1 Antibody (2C11)
NB100-2331	LC3A Antibody - BSA Free

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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