

Product Datasheet

Recombinant Human VHR/DUSP3 Protein NBP1-72478-100ug

Unit Size: 100 ug

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

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NBP1-72478-100ug**Recombinant Human VHR/DUSP3 Protein****Product Information**

Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95% pure by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2 mM DTT, 0.15 M NaCl
Target Molecular Weight	22.6 kDa

Product Description

Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-185 of Human VHR/DUSP3</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSGSFELSVQ DLNDLLSDGS GCYSLPSQPC NEVTPRIYVG NASVAQDIPK LQKLGITHVL NAAEGRSFMH VNTNANFYKD SGITYLGIKA NDTQEFNLSA YFERAADFID QALAQKNGRV LVHCREGYSR SPTLVIAYLM MRQKMDVKSA LSIVRQNREI GPNDGFLAQL CQLNDRLAKE GKLKP</p>
Gene ID	1845
Gene Symbol	DUSP3
Species	Human
Details of Functionality	Specific activity: >1,750 units/mg. Enzymatic activity was confirmed by measuring the amount of enzyme hydrolyzing 1 nmole of p-nitrophenyl phosphate (pNPP) per minute at 37C, pH7.5 using 10mM of substrate

Product Application Details

Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity



Procedures

SDS-PAGE (NBP1-72478)

1. Prepare a 200ul reaction mix into a suitable container: The final concentrations are 10mM Tris (pH7.5), 50mM NaCl, 2mM DTT, 1mM MnCl₂, 10mM pNPP. <p/>
2. Pre-warm reaction mix in heat block at 37C.<p/>
3. Add recombinant DUSP3 protein solution with various concentrations (1ug, 2ug, 3ug) in 200ul reaction buffer. <p/>
4. Mix by inversion and incubate at 37C for 10minutes. <p/>
5. Stop the reaction by adding the 800ul of 0.1N NaOH and record the absorbance at 405nm.



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Limitations

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