

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	A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-185 of Human VHR/DUSP3 Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSGSFELSVQ DLNDLLSDGS GCYSLPSQPC NEVTPRIYVG NASVAQDIPK LQKLGITHVL NAAEGRSFMH VNTNANFYKD SGITYLGIKA NDTQEFNLSA YFERAADFID QALAQKNGRV LVHCREGYSR SPTLVIAYLM MRQKMDVKSA LSIVRQNREI GPNDGFLAQL CQLNDRLAKE GKLKP
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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