

Datasheet for ABIN3083216
LYPD2 Protein (AA 23-103) (GST tag)

2 Images

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Overview

Quantity:	1 mg
Target:	LYPD2
Protein Characteristics:	AA 23-103
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LYPD2 protein is labelled with GST tag.
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Sequence:	<p>MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELG LEFPNLPYYIDGDVKLTQSMARIYIADKHNMMLGGCPKERA EISMLEGA VLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDH VTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAI PQIDKYLKSS KYIAWPLQG WQATFGGGDHPPKSDLRCYVCPEPTGVSDCVTIATCTTN ETMCKTTLYSREIVYPFQGDSTVTKSCASKCKPSD VDGIGQTLPVSCCN TELCNVDG</p>
Characteristics:	<p>The concentration of our recombinant proteins is measured using the absorbance at 280nm.</p> <p>The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.</p> <p>The concentration of the protein is calculated using its specific absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient of each protein.</p>

Product Details

Purification:	The protein is purified from the cleared cell lysate using MBP-tag capture materials. Eluate fractions are analyzed by SDS-PAGE. Protein containing fractions are subjected to a second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade

Target Details

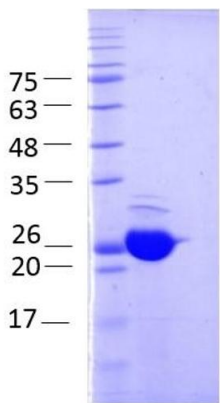
Target:	LYPD2
Alternative Name:	LYPD2 (LYPD2 Products)
Molecular Weight:	9.6 kDa Including tag.
UniProt:	Q6UXB3

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	N-terminaler GST-Tag
Restrictions:	For Research Use only

Handling

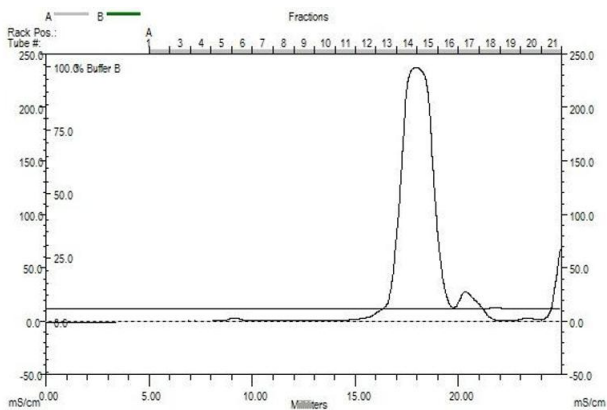
Format:	Liquid
Buffer:	20 mM Hepes, pH 7.4; 100 mM NaCl
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)



SDS-PAGE

Image 1. Quality Control Images: SDS-PAGE

LY6/ PLAUR Domain Containing 2 (LYPD2)
(23-103 aa), gel filtration, fraction 14 - 15



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. SEC

LY6/ PLAUR Domain Containing 2 (LYPD2)(23-103 aa),
gel filtration, Superose 6 fraction 14 - 15