

Product datasheet

Recombinant *E. coli* Aquaporin Z protein (Active)
 ab235607

2 Images

Description

Product name	Recombinant <i>E. coli</i> Aquaporin Z protein (Active)	
Biological activity	Measured by its binding ability in a functional ELISA. Immobilized ab235607 at 5 µg/mL can bind <i>E. coli</i> ytfE, the EC50 of <i>E. coli</i> ytfE protein is 197.90-259.70 µg/mL.	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	P60844	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Escherichia coli	
Sequence	<pre>MFRKLAAECF GTFWLVFGGC GSAVLAAGFP ELGIGFAGVA LAFGLTVLTM AFAVGHISGG HFNPVAVTIGL WAGGRFPAKE VVGYYIAQVV GGIVAAALLY LIASGKTGFD AAASGFASNG YGEHSPGGYS MLSALVVELV LSAGFLLVIH GATDKFAPAG FAPIAIGLAL TLIHLISIPV TNSVNPARS TAVAIFQGGW ALEQLWFFVW VPIVGGIIGG LYRTLLEKR D</pre>	
Predicted molecular weight	28 kDa including tags	
Amino acids	1 to 231	
Tags	His tag N-Terminus	
Additional sequence information	N-terminal 6xHis-tagged.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235607** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies
	SDS-PAGE

Form

Liquid

Preparation and Storage

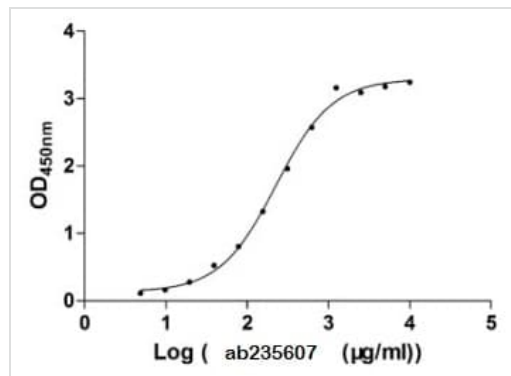
Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

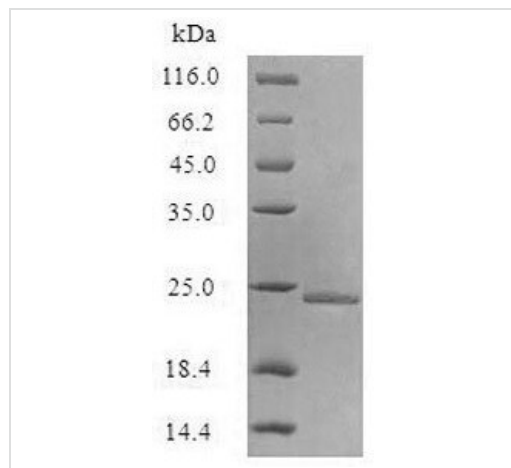
Images



The binding of ab235607 with ytfE.

Immobilized ab235607 at 5 µg/ml can bind *E.coli* ytfE, the EC50 of *E.coli* ytfE protein is 197.90-259.70 µg/ml.

Functional Studies - Recombinant *E. coli* Aquaporin Z protein (Active) (ab235607)



ab235607 analyzed by (Tris-Glycine gel) discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

SDS-PAGE - Recombinant *E. coli* Aquaporin Z protein (Active) (ab235607)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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