

Datasheet for ABIN934977
FABP7 Protein (AA 1-132)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FABP7
Protein Characteristics:	AA 1-132
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MVEAFCATWK LTNSQNFDEY MKALGVGFAT RQVGNVTKPT VIISQEGDKV VIRTLSSTFKN TEISFQLGEE FDETTADDRN CKSVVSLDGD KLVHIQKWDG KETNFVREIK DGKMMVMTLTF GDVVAVRHYE KA
Characteristics:	Purified recombinant Human FABP7 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	FABP7
Alternative Name:	FABP7 (FABP7 Products)
Background:	FABP7 (Fatty acid binding protein 7) is also known as brain fatty acid binding protein and is a

Target Details

member of Fatty acid binding proteins (FABPs) which are a family of small, highly conserved, cytoplasmic proteins to bind long-chain fatty acids and other hydrophobic ligands. FABP7 is expressed in radial glia by the activation of Notch receptors and binds DHA with the highest affinity among all of FABPs. Recombinant FABP7 protein was expressed in *E. coli* and purified by using conventional chromatography techniques.

Alternative Names: Brain lipid binding protein protein, Fatty acid binding protein 7 protein, FABP7 protein, Fatty acid binding protein 7 B FABP protein, Fatty acid binding protein 7 brain protein, BFABP protein, FABP-7, FABP7, FABP 7, FABP 7 protein, Fatty acid binding protein brain protein, Mammary derived growth inhibitor related protein, MRG., FABPB protein, FABP-7 protein, FABP 7 protein, DKFZp547J2313 protein, BLBP protein, OTTHUMP00000017119 protein

Molecular Weight:	14 kDa (132 AA)
-------------------	-----------------

Application Details

Application Notes:	FABP7 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	1 mg/mL
----------------	---------

Buffer:	Supplied as a liquid in 25 mM Tris, pH 7.5, containing 5 mM DTT, 5 mM EDTA, and 10 % glycerol.
---------	--

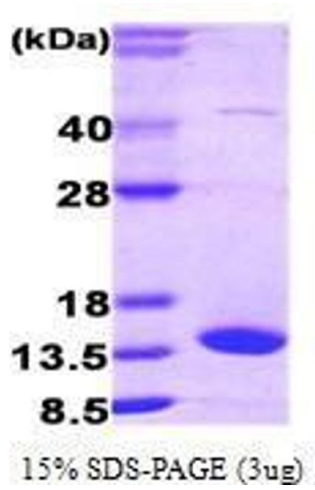
Preservative:	Dithiothreitol (DTT)
---------------	----------------------

Precaution of Use:	This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
--------------------	---

Handling Advice:	Avoid repeated freeze/thaw cycles.
------------------	------------------------------------

Storage:	RT/-20 °C
----------	-----------

Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.
------------------	--



SDS-PAGE

Image 1. Figure annotation denotes μ g of protein loaded and % gel used.