

FABP4 recombinant protein

FABP4, 1-132aa, Human, E Coli

CATALOG # AAA48506	HOST E Coli	APPLICATIONS SDS-Page
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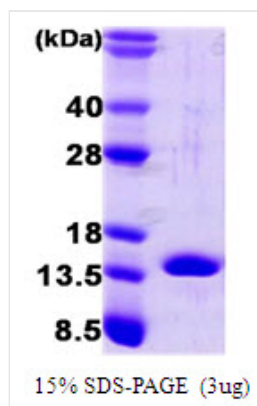
PRODUCT SYNONYMS

FABP4; 1-132aa; Human; E Coli; Fatty acid binding protein 4; IL-1 alpha; Hematopoietin-1; Fatty acid-binding protein; adipocyte; A-FABP; ALBP; fatty acid binding protein 4 adipocyte; aP2; FABP4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 2 mM EDTA, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MCDAFVGTWK LVSENFDDY MKEVGVGFAT RKVAGMAKPN MIISVNGDVI TIKSESTFKN TEISFILGQE FDEVTADDRK VKSTITLDGG VLVHVQKWDG KSTTIKRKRE DDKLVVECVM KGVSTSTRVYE RA
Sequence Length	271
Applicable Applications for FABP4 recombinant protein	SDS-PAGE
Antigen Species	Human
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FABP4 recombinant protein	IL-1 consists of two distinct forms, IL-1 alpha and IL-1 beta which perform the same functions but are distinct proteins. IL-1alpha is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is also temporarily upregulated during bone formation and the menstrual cycle and can be induced in response to nervous system stimulation. Recombinant IL-1a protein was expressed in E Coli and purified by using conventional chromatography techniques
Product Categories/Family for FABP4 recombinant protein	Hormones & Cytokines
References	Furuhashi M., et al. (2007).Nature. 447 (7147):959-65; Shum BO., et al. (2006).J Clin Invest. 116 (8):2183-2192;

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894330
NCBI GeneID	3552
NCBI Accession #	NP_000566
NCBI GenBank Nucleotide #	NM_000575.4
UniProt Accession #	P01583; Q53QF9; Q7RU02
Molecular Weight	14kDa (132aa), confirmed by MALDI-TOF.
NCBI Official Full Name	interleukin-1 alpha
NCBI Official Synonym Full Names	interleukin 1 alpha
NCBI Official Symbol	IL1A
NCBI Official Synonym Symbols	IL1; IL-1A; IL1F1; IL1-ALPHA
NCBI Protein Information	interleukin-1 alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	IL1A
UniProt Synonym Gene Names	IL1F1; IL-1 alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il1a-recombinant-protein-e-coli-sds-page/48506>