

## **Product Data Sheet**

## **Recombinant Human FABP7 Protein**

Catalog # Source Reactivity Applications

CRP1522 E. coli Human E, WB, SDS-PAGE, MS

**Description** Recombinant Human FABP7 Protein is produced by our E. coli expression system and

the target gene encoding Val2-Ala132 is expressed with a 6His tag at the N-terminus.

Form Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol FABP7

Alternative Names BLBP; FABPB; MRG; Fatty acid-binding protein, brain; Brain lipid-binding protein;

BLBP; Brain-type fatty acid-binding protein; B-FABP; Fatty acid-binding protein 7;

Mammary-derived growth inhibitor related

Entrez Gene 2173 (Human)

SwissProt O15540 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure MGSSHHHHHH SSGLVPRGSH MVEAFCATWK LTNSQNFDEY MKALGVGFAT

RQVGNVTKPT VIISQEGDKV VIRTLSTFKN TEISFQLGEE FDETTADDRN CKSVVSLDGD

KLVHIQKWDG KETNFVREIK DGKMVMTLTF GDVVAVRHYE KA

Quality Control Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

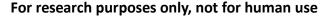
Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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