

Recombinant Human EFHA1 293 Cell Lysate

Cat. No. EFHA1-6703HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for EF-hand domain family, member A1 (EFHA1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

EFHA1 EF-hand domain family, member A1 [Homo sapiens]

Official Symbol

EFHA1

Synonyms

EFHA1; EF-hand domain family, member A1; EF hand domain family A1; EF-hand domain-containing family member A1; Smhs2 homolog; EF hand domain family, member A1; 1110008L20Rik; FLJ25016; FLJ34588;

Gene ID

221154

mRNA Refseq

NM_152726

Protein Refseq

NP_689939

MIM

610632

UniProt ID

Q8IYU8

**Chromosome
Location**

13q12.11

Function

calcium ion binding;

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