

Recombinant Human F8 293 Cell Lysate

Cat. No. F8-6482HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for coagulation factor VIII, procoagulant component (F8), transcript variant 2 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

F8 coagulation factor VIII, procoagulant component [Homo sapiens]

Official Symbol

F8

Synonyms

F8; coagulation factor VIII, procoagulant component; F8C; coagulation factor VIII; DXS1253E; Factor VIIF8B; FVIII; HEMA; hemophilia A; factor VIII F8B; antihemophilic factor; coagulation factor VIIfc; AHF; F8B;

Gene ID

2157

mRNA Refseq

NM_000132

Protein Refseq

NP_000123

MIM

300841

UniProt ID

P00451

**Chromosome
Location**

Xq28

Pathway

Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem;

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Hemostasis, organism-specific biosystem; Intrinsic Pathway, organism-specific biosystem;

Function

copper ion binding; metal ion binding; oxidoreductase activity; protein binding;

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