

Connexin 43 (CX43) Recombinant Protein | CX43 recombinant protein

Recombinant Connexin 43 (CX43)

CATALOG # AAA151010	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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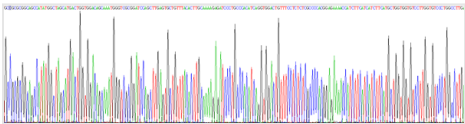
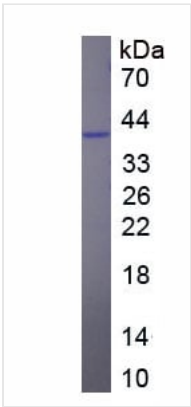
PRODUCT SYNONYMS

Connexin 43 (CX43); Recombinant Connexin 43 (CX43); CX43/Connexin 43; ODDD; GJAL; GJA1; GJ-A1; Gap junction 43kDa heart protein; Gap Junction Protein Alpha 1; Oculodentodigital Dysplasia; Syndactyly Type III; CX43 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ser180-Ile 382
Applicable Applications for CX43 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Human
Isoelectric Point	8.8
Subcellular Location	Membrane
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence
Gene Sequencing (extract

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CX43 recombinant protein	Cardiovascular biology; Neuro science; Prokaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504001
NCBI GeneID	2697
NCBI Accession #	NP_000156.1
NCBI GenBank Nucleotide #	NM_000165.3
UniProt Accession #	P17302; Q6FHU1; Q9Y5I8; B2R5U9
Molecular Weight	43,008 Da
NCBI Official Full Name	gap junction alpha-1 protein
NCBI Official Synonym Full Names	gap junction protein, alpha 1, 43kDa
NCBI Official Symbol	GJA1
NCBI Official Synonym Symbols	HSS; CX43; GJAL; ODDD; AVSD3; HLHS1; DFNB38
NCBI Protein Information	gap junction alpha-1 protein; connexin 43; connexin-43; gap junction 43 kDa heart protein
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	GJA1
UniProt Synonym Gene Names	GJAL; Cx43
UniProt Entry Name	CXA1_HUMAN

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/gja1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/151010>