

Connexin 43 Recombinant Protein | CX43 recombinant protein

Recombinant Connexin 43 (CX43)

CATALOG # AAA150198	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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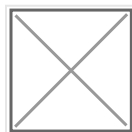
PRODUCT SYNONYMS

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

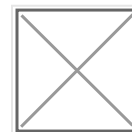
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for CX43 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser244~Ile382
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	8.0
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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



SDS-PAGE



Identification

Figure . Gene Sequencing (extract)



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for CX43 recombinant protein Cardiovascular biology; Neuro science

NCBI AND UNIPROT INFORMATION

NCBI GI #	50510
NCBI GeneID	14609
UniProt Accession #	P23242
Molecular Weight	Predicted Molecular Mass: 18.7kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	connexin 43
NCBI Official Synonym Full Names	gap junction protein, alpha 1
NCBI Official Symbol	Gja1
NCBI Official Synonym Symbols	Cx43; Npm1; Cnx43; Cxnk1; Gja-1; AU042049; AW546267; Cx43alpha1; connexin43
NCBI Protein Information	gap junction alpha-1 protein
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	Gja1
UniProt Synonym Gene Names	Cxn-43; Cx43

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/gja1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150198>