

Recombinant Human GJD4 Protein

Cat. No. GJD4-4935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GJD4 full-length ORF (AAI60130.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	Connexins, such as GJD4, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasm of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits (Sohl et al., 2003 [PubMed 12881038]).[supplied by OMIM]
Form	Liquid
Molecular Mass	40.7 kDa
AA Sequence	MEGVDLLGFLIITLNCNVTMVGKLWFLVTMLLRMLVIVLAGRPVYQDEQERFVCNTL QPGCANVCYDVFSPVSHLRFWLIQGVCVLLPSAVFSVYVLHRGATLAALGPRRCPD PREPASGQRRCPRPFGGERGGLQVPDFSAGYIIHLLLRTLLEAAFGALHYFLFGFLAP KKFPCTRPPCTGVVDCYVSRPTEKSLMLFLWAVSALSFLLGLADLVCSLRRRMRR RPGPPTSPSIRKQSGASGHAEGRRRTDEEGGREEEGAPAPPGARAGGEGAGSPRR TSRVSGHTKIPDEDESEVTSSASEKLGRQPRGRPHREAAQDPRGSGSEEQPSAAP SRLAAPPSCSSLQPPDPPASSSGAPHLRARKSEWV
Applications	Antibody Production Functional Study

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Compound Screening	
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	GJD4 gap junction protein, delta 4, 40.1kDa [Homo sapiens]
Official Symbol	GJD4
Synonyms	GJD4; gap junction protein, delta 4, 40.1kDa; gap junction delta-4 protein; connexin 40.1; CX40.1; FLJ90023; connexin40.1; connexin-40.1; RP11-425A6.2;
Gene ID	219770
mRNA Refseq	NM_153368
Protein Refseq	NP_699199
MIM	611922
UniProt ID	Q96KN9

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