Recombinant Human GJB4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GJB4-6386H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GJB4 MS Standard C13 and N15-labeled recombinant protein (NP_694944) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a transmembrane connexin protein that is a component of gap junctions. Mutations in this gene have been associated with erythrokeratodermia variabilis, progressive symmetric erythrokeratoderma and hearing impairment.
Molecular Mass	30.4 kDa
AA Sequence	MNWAFLQGLLSGVNKYSTVLSRIWLSVVFIFRVLVYVVAAEEVWDDEQKDFVCNTK QPGCPNVCYDEFFPVSHVRLWALQLILVTCPSLLVVMHVAYREERERKHHLKHGPN APSLYDNLSKKRGGLWWTYLLSLIFKAAVDAGFLYIFHRLYKDYDMPRVVACSVEPC PHTVDCYISRPTEKKVFTYFMVTTAAICILLNLSEVFYLVGKRCMEIFGPRHRRPRCR ECLPDTCPPYVLSQGGHPEDGNSVLMKAGSAPVDAGGYPTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

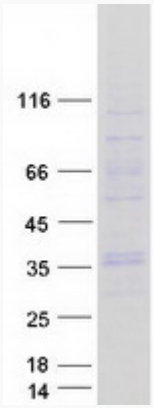
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GJB4 gap junction protein beta 4 [Homo sapiens (human)]
Official Symbol	GJB4
Synonyms	GJB4; gap junction protein, beta 4, 30.3kDa; gap junction protein, beta 4, gap junction protein, beta 4 (connexin 30.3); gap junction beta-4 protein; connexin 30.3; CX30.3; connexin-30.3; EKV; MGC21116;
Gene ID	127534
mRNA Refseq	NM_153212
Protein Refseq	NP_694944
MIM	605425
UniProt ID	Q9NTQ9

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SDS-PAGE	

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