

Product datasheet for PH304406

GJB4 (NM_153212) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GJB4 MS Standard C13 and N15-labeled recombinant protein (NP_694944)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204406
Predicted MW:	30.4 kDa
Protein Sequence:	>RC204406 protein sequence Red=Cloning site Green=Tags(s) MNAFLQGLLSGVNKYSTVLSRIWLSVVFIFRVLVYVVAEEVWDEQKDFVCNTKQPGCPNVCYDEFFP VSHVRLWALQLILVTCPSLLVVMHVAYREERERKHHLKHGPNAPSLYDNL SKKRGGLWWTYLLSLIFKAA VDAGFLYIFHRLYKDYDMPRVVACSVVEPCPHTVDCYISRPTKVKVFTYFMVTTAAICILLNLSEVFYLVG KRCMEIFGPRHRRPRCRECLPDTCPYPVLSQGGHPEDGNSVLMKAGSAPVDAGGYP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_694944
RefSeq Size:	2840
RefSeq ORF:	798
Synonyms:	CX30.3; EKV; EKVP2
Locus ID:	127534
UniProt ID:	Q9NTQ9



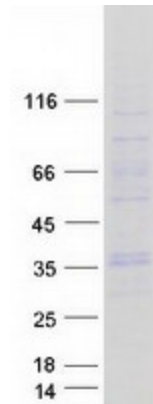
[View online »](#)

Cytogenetics: 1p34.3

Summary: This gene encodes a transmembrane connexin protein that is a component of gap junctions. Mutations in this gene have been associated with erythrokeratoderma variabilis, progressive symmetric erythrokeratoderma and hearing impairment. [provided by RefSeq, Dec 2009]

Protein Families: Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified GJB4 protein (Cat# [TP304406]). The protein was produced from HEK293T cells transfected with GJB4 cDNA clone (Cat# [RC204406]) using MegaTran 2.0 (Cat# [TT210002]).