

Product datasheet for PH304405

GJB3 (NM_001005752) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GJB3 MS Standard C13 and N15-labeled recombinant protein (NP_001005752)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204405
Predicted MW:	30.8 kDa
Protein Sequence:	>RC204405 protein sequence Red=Cloning site Green=Tags(s)

MDWKTLLQALLSGVNYSTAFGRVWLVVVFVFRVLYVYVVAERVWGDEQKDFDCNTKQPGCTNVCYDNYFP
ISNIRLWALQLIFVTCPSLLVILHVAYREERERRRQKHGDQCAKLYDNAGKKHGLWWTYLFSLIFKLI
IEFLFLYLLHTLWHGFNMPRLVQCANVAPCPNIVDCYIARPTEKKIFTYFMVGASAVCIVLTICELCYLI
CHRVLRLGLHKDKPRGGCSPSSASRASTCRCHHKLVEAGEVDPDPGNNKLQASAPNLTPV

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_001005752
RefSeq Size:	1777
RefSeq ORF:	810
Synonyms:	CX31; DFNA2; DFNA2B; EKV; EKVP1
Locus ID:	2707
UniProt ID:	O75712



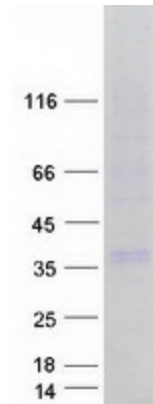
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Cytogenetics: 1p34.3

Summary: This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene can cause non-syndromic deafness or erythrokeratoderma variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified GJB3 protein (Cat# [TP304405]). The protein was produced from HEK293T cells transfected with GJB3 cDNA clone (Cat# [RC204405]) using MegaTran 2.0 (Cat# [TT210002]).