

Product datasheet for PH308633

ZNF488 (NM_153034) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | ZNF488 MS Standard C13 and N15-labeled recombinant protein (NP_694579) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC208633 |
| Predicted MW: | 37 kDa |
| Protein Sequence: | >RC208633 protein sequence Red=Cloning site Green=Tags(s) |

MPEWPPCLSVAPALVITMAAGKGAPLSPSAENRWRLSEPELGRGCKPVLLEKTNRLGPEAAVGRAGRVDVGS
SAELALLVAPGKPRPGKPLPPKTRGEQRQSAFTELPRMKDRQVDAQAQEREHDDPTGQPGAPQLTQNI
PRGPAGSKVFSVWPSGARSEQRSFASKPTKPAERPELTSVFPAGESADALGELSGLLNTTDLACWGRLSTP
KLLVGDWLNLQALPQNAPLCSTFLGAPTLWLEHTQAQVPPSSSSTTSWALLPPTLSLGLSTQNWCAKC
NLSFRLTSDLVFHMRSHHKKEHAGPDPHSQKRREEALACPVCQEHRFRERHHL SRHMTSHS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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| 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: | <u>NP_694579</u> |
| RefSeq Size: | 3513 |
| RefSeq ORF: | 1020 |
| Locus ID: | 118738 |
| UniProt ID: | <u>Q96MN9</u> |



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Cytogenetics: 10q11.22

Summary: Transcriptional repressor. Plays a role in oligodendrocyte differentiation, together with OLIG2. Mediates Notch signaling-activated formation of oligodendrocyte precursors. Promotes differentiation of adult neural stem progenitor cells (NSPCs) into mature oligodendrocytes and contributes to remyelination following nerve injury.[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified ZNF488 protein (Cat# [TP308633]). The protein was produced from HEK293T cells transfected with ZNF488 cDNA clone (Cat# [RC208633]) using MegaTran 2.0 (Cat# [TT210002]).