

## Product datasheet for PH305721

### ZNF259 (ZPR1) (NM\_003904) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ZNF259 MS Standard C13 and N15-labeled recombinant protein (NP_003895)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205721
Predicted MW:	50.9 kDa
Protein Sequence:	>RC205721 protein sequence Red=Cloning site Green=Tags(s)

MAASGAVEPGPPGAAVAPSPAPAPPAPDHLFRPISAEDEEQPTEIESLCMNCYCNGMTRLLLTKIPFF  
REIIVSSFSCHECGWNTEIQSAGRIQDQGVRYTLSVRALEDMNREVVKTDSAATRIPELDFEIPAFSQK  
GALTTVEGLITRAISGLEQDQPARRANKDATAERIDEFIVKLEKQVASFPTLIIDDPGNSFVENPHA  
PQKDDALVITHYNRTRQQEEMGLQEEAPEKPEEEDLRNEVLQFSTNCPECNAPAQTNMKLVQIPHKE  
VIIMATNCENCGHRTNEVKS GGAVEPLGTRITLHITDASDMTRDLLKSETCSVEIPELEFELGMAVLGGK  
FTTLEGLLKDIKRELVTKNPFTLGDSSNPQGTERLQEF SQKMDQIEGNMKAHFIMDDPAGNSYLQNVYAP  
EDDPEMKVERYKRTFDQNEELGLNDMKTEGYEAGLAPQR

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_003895</u>
RefSeq Size:	1810
RefSeq ORF:	1377
Synonyms:	GKAF; ZNF259



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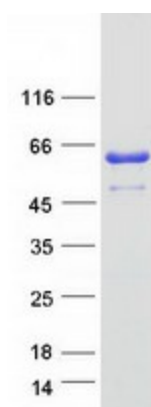
Locus ID: 8882

UniProt ID: [O75312](#)

Cytogenetics: 11q23.3

**Summary:** The protein encoded by this gene is found in the cytoplasm of quiescent cells but translocates to the nucleolus in proliferating cells. The encoded protein interacts with survival motor neuron protein (SMN1) to enhance pre-mRNA splicing and to induce neuronal differentiation and axonal growth. Defects in this gene or the SMN1 gene can cause spinal muscular atrophy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

### Product images:



Coomassie blue staining of purified ZPR1 protein (Cat# [TP305721]). The protein was produced from HEK293T cells transfected with ZPR1 cDNA clone (Cat# [RC205721]) using MegaTran 2.0 (Cat# [TT210002]).