

• - References

Reference #	PMID	Paper title	Authors	Year
Ref. 1	17012030	Systematic screening for palmitoyl transferase activity of the DHHC protein family in mammalian cells.	Fukata Y et al.	2006
Ref. 2	7901201	Purification and properties of a palmitoyl-protein thioesterase that cleaves palmitate from H-Ras.	Camp LA et al.	1993

• - Studies

Study #	Reference	Organism	Cell type	Subcellular location	Technique(s)	Palmitome study?
Study 1	Fukata Y et al., 2006	To be annotated	To be annotated	To be annotated	To be annotated	No
Study 2	Camp LA et al., 1993	Spodoptera frugiperda	Sf9	Total cell lysate	Inhibition of thioesterase with drug, High-Performance Liquid Chromatography (HPLC), Labeling of substrate with [3H]palmitate	No

• - Palmitoylation hits and sites

Hit ID	Study #	Reference	Hit list	Isoform #	Sites (ID, position, characterisation techniques)
SPalmH:10385	Study 1		-	-	None
SPalmH:11580	Study 2		-	Isoform 1	None

• - Cysteine summary and predictions

Pos in alignment	51	80	118	181	184	186
Topology	U	U	U	U	U	U
Disulfide						
SS prediction	E	E	C	C	C	E
SS UniProt	NA	NA	NA	NA	NA	NA
Isoform 1 [Main isoform]	Cys ⁵¹ 5.828 -1.0231613	Cys ⁸⁰ 2.584 0.0	Cys ¹¹⁸ 1.26 0.0	Cys ¹⁸¹ 15.98 0.0	Cys ¹⁸⁴ 16.844 0.0	Cys ¹⁸⁶ 12.203 0.0

Legend:

Topology	U	Undefined
	E	Extracellular/Lumenal
	T	Transmembrane
	C	Cytosolic/Nuclear
Prediction scores	From top to bottom: Cysteine position, CSS-Palm 4.0 score, PalmPred score Color code for cysteine position: Predicted (high confidence prediction with CSS-Palm or/and PalmPred) / Predicted but not validated (in terms of disulfide bond and cellular location) / Not predicted Color code for CSS-Palm 4.0 : High confidence , Medium confidence , Low confidence , Not predicted. Color code for PalmPred : High confidence (score > 0.4) , Medium confidence (0.1 >	

score > 0.4), Low confidence (score < 0.1), Not predicted.